

FILED

FEB 24 1995

HU
MARIN COUNTY CLERK
BY: E. Keswick Deputy

1 SEDGWICK, DETERT, MORAN & ARNOLD
JOHN T. RONAN, III (Bar No. 038372)
2 R. SCOTT DIAZ (Bar No. 172301)
One Embarcadero Center, 16th Floor
3 San Francisco, California 94111-3765
Telephone: (415) 781-7900
4

5 Attorneys for Defendants
AKZO NOBEL COATINGS, INC.
6

7
8 IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA
9 IN AND FOR THE COUNTY OF MARIN

10
11 AS YOU SOW, a non-profit) NO. 161842
corporation,)
12) STIPULATION FOR ENTRY OF
Plaintiff,) JUDGMENT; AND ORDER OF JUDGMENT
13)
v.)
14)
AKZO NOBEL COATINGS, INC., et)
15 al.,)
16 Defendants.)
17)

18
19 IT IS HEREBY STIPULATED, by and between plaintiff As
20 You Sow and defendant Akzo Nobel Coatings, Inc., through their
21 respective representatives, that judgment in the above-entitled
22 action be entered in accordance with the terms of the settlement
23 agreement between the parties, attached hereto as Exhibit A.

24 ///
25 ///
26 ///
27 ///

28
2

ENTERED

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

Dated: February 12, 1995

By: *Cliff Chanler*
Clifford Chanler
Attorneys for Plaintiff
AS YOU SOW

Dated: February 9, 1995

By: *John T. Roman III*
John T. Roman, III
Attorneys for Defendant
AKZO NOBEL COATINGS, INC.

IT IS HEREBY ORDERED that judgment be entered in accordance with the terms of the stipulation between the parties.

Dated: Feb 23, 1995

Ray W. Stone
Judge of the Superior Court

SETTLEMENT AGREEMENT

On January 31, 1995 in San Francisco, California, As You Sow ("AYS") and Akzo Nobel Coatings Inc. ("Akzo Nobel") agreed to the following terms and conditions:

WHEREAS:

AYS is a not-for-profit public interest foundation dedicated to promoting consumer awareness, protecting the environment and improving human health; and

Akzo Nobel is a company that manufactures and distributes coatings and paint products including, but not limited to, paints, primers, enamels, lacquers, urethanes, accelerators, hardeners, reducers, toners, bases, sealers, adhesives, fillers, putties, cleaners, additives, and other special-purpose products in the State of California that contain Proposition 65 listed chemicals including, but not limited to, carbon black, formaldehyde, chromium (hexavalent compounds) (including, for example, zinc chromate, strontium chromate, lead chromate and chromium oxide), lead and lead compounds (including, for example, lead chromate lead molybdate, lead sulfate, and lead titanate), silica (crystalline), antimony trioxide, toluene diisocyanate monomers, toluene, cadmium and cadmium compounds (including, for example, cadmium sulfoselenide 108, cadmium sulfide, cadmium sulfide/zinc sulfide, and cadmium sulfoselenide 20), nickel and nickel compounds, ethylene glycol monomethyl ether, and ethylene glycol monomethyl ether acetate; and

On January 1, 1991, toluene was officially listed by the State of California as a chemical known to cause birth defects or other reproductive harm, pursuant to Health and Safety Code §25249.8; and

On February 27, 1987, chromium (hexavalent compounds) was officially listed by the State of California as a chemical known to cause cancer, pursuant to Health and Safety Code §25249.8; and

On February 27, 1987, lead was officially listed by the State of California as a chemical known to cause birth defects or other reproductive harm, and on October 1, 1992, lead and lead compounds were officially listed by the State of California as chemicals known to cause cancer, pursuant to Health and Safety Code §25249.8; and

On October 1, 1988, silica (crystalline) was officially listed by the State of California as a chemical known to cause cancer, pursuant to Health & Safety Code §25249.8; and

On January 1, 1988, formaldehyde was officially listed by the State of California as a chemical known to cause cancer, pursuant to Health & Safety Code §25249.8; and

On January 1, 1990, carbon black was officially listed by the State of California as a chemical known to cause cancer, pursuant to Health & Safety Code §25249.8; and

On October 1, 1990, antimony trioxide was officially listed by the State of California as a chemical known to cause cancer, pursuant to Health and Safety Codes §25249.8; and

On October 1, 1989, toluene diisocyanate was officially listed by the State of California as a chemical known to cause cancer, pursuant to Health and Safety Codes §25249.8; and

On October 1, 1987, cadmium and cadmium compounds (including, but not limited to, cadmium sulfoselenide 108, cadmium sulfide, cadmium sulfide/zinc sulfide, and cadmium sulfoselenide 20), were officially listed by the State of California as chemicals known to cause cancer pursuant to Health and Safety Codes §25249.8; and

On October 1, 1989, nickel and nickel compounds were officially listed by the State of California as chemicals known to cause cancer pursuant to Health and Safety Codes §25249.8; and

On January 1, 1989, ethylene glycol monomethyl ether and ethylene glycol monomethyl ether acetate compounds were officially listed by the State of California as chemicals known to cause birth defects or other reproductive harm pursuant to Health and Safety Codes §25249.8; and

On July 29, 1994, AYS provided Akzo Nobel with a document entitled "60-Day Notice" which provided Akzo Nobel with notice of its alleged failure to provide warnings relating to toluene in its products in violation of Health and Safety Code §25249.6; and

On September 30, 1994, AYS provided Akzo Nobel with an additional document entitled "60-Day Notice" of its alleged failure to provide warnings relating to Proposition 65 chemicals including, but not limited to carbon black, formaldehyde, chromium (hexavalent compounds), lead and lead compounds and silica (crystalline) in violation of Health and Safety Code §25249.6 and

On December 16, 1994, AYS provided Akzo Nobel with an additional document entitled "60-Day Notice" of its alleged failure to provide warnings relating to Proposition 65 chemicals including, but not limited to antimony trioxide, toluene

diisocyanate, aluminum flake, and C.I. Pigment Brown in violation of Health and Safety Code §25249.6 and

On December 20, 1994, AYS provided Akzo Nobel with an additional document entitled "60-Day Notice" of its alleged failure to provide warnings relating to Proposition 65 chemicals cadmium and cadmium compounds (including, but not limited to, cadmium sulfoselenide 108, cadmium sulfide, cadmium sulfide/zinc sulfide, and cadmium sulfoselenide 20), nickel and nickel compounds, ethylene glycol monomethyl ether, and ethylene glycol monomethyl ether acetate in violation of Health and Safety Code §25249.6 and

On October 12, 1994, AYS filed a complaint entitled As You Sow v. Akzo Nobel, et al. (No. 161842) in California Superior Court for the County of Marin alleging violations of Business & Professions Code §17200 and Health & Safety Code §25249.6 on behalf of individuals in California who are being allegedly exposed to toluene, a Proposition 65-listed chemical in certain Akzo Nobel products; and

On December 23, 1994, AYS filed an amended complaint entitled As You Sow v. Akzo Nobel et al. (No. 161842) in Marin Superior Court alleging violations of Business and Professional Code §17200 and Health & Safety Code §25249.6 on behalf of individuals in California who are being allegedly exposed to toluene, carbon black, formaldehyde, chromium (hexavalent compounds), lead and lead compounds and silica (crystalline), and all Proposition 65-listed chemicals in certain Akzo Nobel products; and

On or about February 20, 1994, AYS shall amend its complaint entitled As You Sow v. Akzo Nobel et al. (No. 161842) in Marin Superior Court alleging violations of Business and Professional Code §17200 and Health & Safety Code §25249.6 on behalf of individuals in California who are being allegedly exposed to toluene, carbon black, formaldehyde, chromium (hexavalent compounds), lead and lead compounds and silica (crystalline), antimony trioxide, toluene diisocyanate, cadmium and cadmium compounds, nickel and nickel compounds, ethylene glycol monomethyl ether, and ethylene glycol monomethyl ether acetate and all Proposition 65-listed chemicals in certain Akzo Nobel products; and

AYS and Akzo Nobel desire to compromise, settle, and conclude all disputes, controversies, claims and causes of action of any kind which the parties hereto have, may have or claim to have against each other arising from or relating to the presence of Proposition 65 listed chemicals including but not limited to chromium (hexavalent compounds) (including, for example, zinc chromate, strontium chromate, lead chromate and chromium oxide), lead and lead compounds (including, for example, lead chromate

lead molybdate, lead sulfate, and lead titanate), silica (crystalline), formaldehyde, carbon black, antimony trioxide, toluene diisocyanate monomers, toluene, cadmium and cadmium compounds (including, but not limited to, cadmium sulfoselenide 108, cadmium sulfide, cadmium sulfide/zinc sulfide, and cadmium sulfoselenide 20), nickel and nickel compounds, ethylene glycol monomethyl ether, and ethylene glycol monomethyl ether acetate in Akzo Nobel's Products (as defined in ¶1.1 below), so that Akzo Nobel has no further liability to AYS relating to or arising out of those Product's alleged failure to comply with Proposition 65, whether directly or by way of indemnification to retail or other sellers of the Products; and

In settling this matter on the terms and conditions hereinafter provided, AYS acknowledges that Akzo Nobel has made a good faith attempt to comply with §12601(c)(1)(C) by providing generic warnings to Akzo Nobel customers, distributors, retailers and jobbers, generic warning statements with some Material Safety Data Sheets sent into California, pursuant to California's Hazard Communication Standard.

AYS further acknowledges that Akzo Nobel has further made a good faith attempt to comply with § 12601(c)(1)(C) by providing warning materials to its customers, distributors, retailers and jobbers in October, 1994 which included warning stickers to be fastened to the labels of Products in their current inventory.

NOW, THEREFORE, THE PARTIES in and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and in and for the covenants and promises hereinafter set forth, do hereby covenant and agree as follows:

1. Definitions.

- 1.1. "Products" manufactured or distributed by Akzo Nobel, For purposes of this settlement agreement, all coatings and paint products manufactured or distributed by Akzo Nobel's Car Refinish Business Unit including, but not limited to, paints, primers, enamels, lacquers, urethanes, accelerators, hardeners, reducers, toners, bases, sealers, adhesives, fillers, putties, cleaners, additives, and other special-purpose products for automotive refinish and sign coatings that contain Proposition 65 listed chemicals, including, but not limited to chromium (hexavalent compounds) (including, for example, zinc chromate, strontium chromate, lead chromate and chromium oxide), lead and lead compounds (including, for example lead chromate lead molybdate, lead sulfate, and lead titanate), silica (crystalline), formaldehyde, carbon black, antimony trioxide, toluene diisocyanate monomers, toluene, cadmium and cadmium

compounds (including, but not limited to, cadmium sulfoselenide 108, cadmium sulfide, cadmium sulfide/zinc sulfide, and cadmium sulfoselenide 20), nickel and nickel compounds, ethylene glycol monomethyl ether, and ethylene glycol monomethyl ether acetate at levels that require a Proposition 65 warning. A list of Products which are covered by this Settlement Agreement is provided in Exhibit "A".

1.2. "Material Safety Data Sheet" ("MSDS") -- written or printed material containing information about a Product provided by Akzo Nobel to its customers to comply with state and federal Hazard Communications Program, 22 C.C.R. §5194 and 29 C.F.R. Part 1910, respectively.

2. Current Production.

2.1. Akzo Nobel agrees that after March 31, 1995, Akzo Nobel shall not directly^{1/} sell in the State of California any of the Products it manufactures (or after June 30, 1995 for allied Products that Akzo distributes that are manufactured by other companies) unless each Product requiring a Proposition-65 warning bears a label warning as provided in ¶3.3.1-3.3.3, or Akzo Nobel affixes to the label of each Product a sticker with a clear and reasonable Proposition 65 warning.

2.2. The sticker shall read as hereinafter provided.

2.2.1. For Products that contain as intended^{2/} ingredients Proposition 65 listed carcinogens only:

WARNING: This product contains a chemical known to the State of California to cause cancer.

^{1/} It is understood between the parties that the term "directly sell", as it appears throughout this Settlement Agreement defines those Products which Akzo knows or has reason to know will enter the state of California through Akzo Nobel's regular or planned distribution processes. Akzo shall not be liable for the distribution of those Products over which Akzo Nobel has no control.

^{2/} It is understood between the parties that the term "intended ingredients" as it appears throughout this Settlement Agreement does not include unidentified and trace amounts of chemicals in products sold to Akzo Nobel by its suppliers.

2.2.2. For Products that contain as intended ingredients Proposition 65 listed reproductive toxicants:

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

2.2.3. For Products that contain as intended ingredients Proposition 65 listed carcinogens and reproductive toxicants:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

2.3. It is agreed that the sticker warning(s) in the form attached as Exhibit "B" shall constitute clear and reasonable warning(s) in compliance with Proposition 65.

3. Product Labeling.

3.1. Akzo Nobel shall begin within thirty (30) days, an orderly process of replacing its Product^{3/} labels with reprinted Product labels to include a clear and reasonable Proposition 65 warning on the label of each Product as outlined in ¶ 3.1-3.3. The warning shall be

^{3/} It is understood between the parties that the term "Products" as it appears in this provision (¶3) does not include those Allied Products Akzo Nobel distributes but does not manufacture. It is further understood Akzo Nobel will be in compliance with this Settlement Agreement, as it pertains to said Allied Products, by affixing the appropriate sticker warnings in accordance with provision 2.2.

printed on the label so that it is clear, reasonable and likely to be understood by an ordinary individual.

3.2. Akzo Nobel shall make best efforts to ensure that all Products directly sold in California by Akzo Nobel shall be labeled with reprinted Product labels containing the warnings of ¶3.3 no later than December 31, 1995. Notwithstanding this provision, Products manufactured prior to December 31, 1995 will be in compliance with this agreement so long as the Products are fastened with sticker warnings pursuant to provision 2 of this agreement.

3.3. The Label statement shall read as hereinafter provided.

3.3.1. For Products that contain as intended ingredients Proposition 65 listed carcinogens only:

WARNING: This product contains a chemical known to the State of California to cause cancer.

3.3.2. For Products that contain as intended ingredients Proposition 65 listed reproductive toxicants:

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

3.3.3. For Products that contain as intended ingredients Proposition 65 listed carcinogens and reproductive toxicants:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3.4. It is agreed that the label warning(s) in the form attached as Exhibit "B" shall constitute clear and reasonable warning(s) in compliance with Proposition 65.

4. Warnings for Products in Commerce.

4.1. In order to ensure that Proposition 65 warnings are provided for all Products previously shipped for sale into California without warnings, Akzo Nobel agrees that on or before March 31, 1995, it shall provide by

certified mail interim warning materials to direct customers, including wholesalers, distributors, jobbers, and body shops in the State of California that purchase Products directly from Akzo Nobel to provide warnings to those customers who were not provided warning materials by Akzo Nobel in October, 1994. The interim warning materials shall include sufficient warning stickers bearing safe harbor language and a letter of instruction for placement of the stickers on inventory not previously fastened with the warning stickers provided by Akzo Nobel in October 1994. A copy of this letter is attached hereto as Exhibit "C".

5. **MSDS Revisions.** Akzo Nobel will initiate revisions to its current Material Safety Data Sheets for the Products so that the warning on each MSDS will be consistent in wording with the on-label warning language required by ¶ 3.3.1-3.3.3. Final printed Material Safety Data Sheets incorporating the revised warnings will begin to be distributed promptly in the orderly and normal course of business and shall be completed on or before March 31, 1995. An example of an acceptable MSDS is attached as Exhibit "D".

6. **Settlement Amount.**

6.1. **Restitution.** As a restitutionary measure, Akzo Nobel agrees to contribute, pursuant to provision 16 of this agreement:

5.1.1. \$35,000 to AYS for further enforcement of Proposition 65, for further educational materials by AYS and to contribute to the Environmental Law and Justice Clinic which is pursuing illegal toxic dumping into the San Francisco Bay.

5.1.2. This restitutionary payment is being made pursuant to Business & Professions Code §17203.

6.2. **Investigation.** In an effort to defray AYS' investigation fees and costs, expert fees and costs, reasonable attorneys' fees, and any other costs incurred as a result of investigating and bringing this matter to Akzo Nobel's attention, litigating the matter, and negotiating a settlement in the public interest, Akzo Nobel shall pay AYS \$64,400 pursuant to provision 16 of this agreement.

6.3. Penalty.

6.3.1. Akzo Nobel further agrees to pay a civil penalty of \$20,000 pursuant to Health and Safety Code §25249.7(d) in accordance with provision 16 of this agreement. Penalty monies shall be apportioned by AYS in accordance with Health and Safety Code §25192.

7. **Supplier information.** Akzo Nobel agrees to provide AYS with representative Material Safety Data Sheets which Akzo Nobel has received from five of its suppliers of product components containing Proposition 65 chemicals lead, chromium, and toluene over the last two years, and representative copies of labels from the containers in which Akzo Nobel has received from five of its suppliers of products containing Proposition 65 chemicals lead, chromium, and toluene over the last two year period. Such information shall be provided to AYS by March 31, 1995.
8. **No Admission.** The parties agree to abide by the terms of this Settlement Agreement, however, nothing in the settlement will be construed as an admission by Akzo Nobel of any fact, finding, issue of law, or violation of law and it is understood and agreed that this Settlement Agreement and Release is a compromise of disputed claims.
9. **Unenforceability.** In the event that any of the provisions of the Agreement is held by a court to be unenforceable, the validity of the enforceable provisions shall not be adversely affected.
10. **Governing Law.** The terms of this Settlement Agreement will be governed by the laws of the State of California.
11. **AYS Release.** AYS, in consideration of the Akzo Nobel commitments and payments set forth herein, on its own behalf, its attorneys, employees, successors, assigns, predecessors, subrogees, principals, agents, consultants and insurers, does hereby release and forever discharge Akzo Nobel and all entities in the chain of commerce from manufacturing to end user, including but not limited to customers, wholesalers, distributors, retailers, jobbers manufacturers representatives, sign shops and automotive body shops distributing or using the Products, as well as each of Akzo Nobel's successors, assigns, predecessors, stockholders, officers, directors, subrogees, subsidiaries, trustees, corporate parents, affiliates, board members, agents, attorneys, employees and consultants of and from any and all claims, demands, actions, causes of action, duties,

debts, sums of money, suits, reckonings, contracts, controversies, agreements, promises, damages, responsibilities, obligations, liabilities and accounts of whatsoever kind, nature or description, direct or indirect, at law or in equity, in contract or tort or otherwise arising out of or relating, directly or indirectly, to the Products' compliance with Proposition 65, or arising from or relating to any facts or legal theories involving the Products' compliance with Proposition 65; it being the specific intent and purpose of the parties hereto that this Settlement Agreement and release shall extend to any and all persons, corporations, associations, or other entities and to any and all of the matters aforesaid, whether now known or unknown, which exist or might be claimed to exist at, or prior to the date hereof; and AYS, its attorneys, employees, successors, assigns, predecessors, subrogees, principals, agents, consultants and insurers, and each of them, expressly waive, release and relinquish any and all claims or rights to assert that any such matter, cause or thing of any kind or nature whatsoever has been, through oversight or error or intentionally or unintentionally, omitted with respect to the Products' compliance with Proposition 65.

12. **Akzo Nobel Release.** Akzo Nobel, in consideration of the terms set forth herein, on its own behalf, its attorneys, employees, successors, assigns, predecessors, subrogees, principals, agents, consultants and insurers, does hereby release and forever discharge AYS as well as each of their successors, assigns, predecessors, stockholders, officers, directors, subrogees, subsidiaries, trustees, corporate parents, affiliates, board members, agents, attorneys, employees and consultants of and from any and all claims, demands, actions, causes of action, duties, debts, sums of money, suits, reckonings, contracts, controversies, agreements, promises, damages, responsibilities, obligations, liabilities and accounts of whatsoever kind, nature or description, direct or indirect, at law or in equity, in contract or tort or otherwise arising out of or relating, directly or indirectly, to the Products' compliance with Proposition 65, or arising from or relating to any facts or legal theories involving the Products, compliance with Proposition 65; it being the specific intent and purpose of the parties hereto that this settlement agreement and release shall extend to any and all persons, corporations, associations, or other entities and to any and all of the matters aforesaid, whether now known or unknown, which exist or might be claimed to exist at, prior to, or after the date hereof; and Akzo Nobel, its attorneys, employees, successors, assigns, predecessors, subrogees, principals, agents, consultants and insurers, and each of them, expressly waive, release and relinquish any and all claims or rights to assert that any such matter, cause or

thing of any kind or nature whatsoever has been, through oversight or error or intentionally or unintentionally, omitted with respect to the Products' compliance with Proposition 65.

13. AYS agrees to prepare, execute and file within 90 days of the execution of this agreement a Stipulation For Entry Of Judgment as well as a Judgment On Stipulation For Entry Of Judgment for the pending litigation entitled As You Sow v. Akzo Nobel Coatings Inc. (No. 161842) with the Superior Court of Marin County.
14. This Settlement Agreement shall be terminable at Akzo Nobel's option by written notice at any time after ninety (90) days of the execution of this Settlement Agreement if the California Superior court for Marin County has failed to (1) sign the Judgment on Stipulation For Entry or Judgment and (2) approve and confirm this Settlement Agreement as fair and reasonable.
15. In the event a dispute arises with respect to provisions of this agreement addressing payment of monies from Akzo Nobel to AYS, the prevailing party shall be entitled to recover costs and attorneys' fees incurred as a result of the aforementioned dispute to the extent the court finds such fees and costs reasonable.
16. Payments from Akzo Nobel to AYS pursuant to provision 6 shall be due in full within five (5) working days from the date Akzo Nobel is provided oral or written notice of AYS's fulfillment of provision 13 so long as AYS has fulfilled its obligation to amend the complaint entitled As You Sow v. Akzo Nobel Coatings Inc. (No. 161842) in Marin Superior Court to allege violations of Business and Professional Code §17200 and Health & Safety Code §25249.6 on behalf of individuals in California who are being allegedly exposed to toluene, carbon black, formaldehyde, chromium (hexavalent compounds), lead and lead compounds and silica (crystalline), aluminum flake, C.I. Pigment Brown 24, antimony trioxide, toluene diisocyanate, cadmium and cadmium compounds, nickel and nickel compounds, ethylene glycol monomethyl ether, and ethylene glycol monomethyl ether acetate and all Proposition 65-listed chemicals in certain Akzo Nobel products.
17. It is agreed that both Akzo Nobel and AYS shall comply with all procedures necessary to amend the aforementioned complaint as required under this agreement and to seek entry of the Judgment On Stipulation For Entry Of Judgment.
18. **Authority to Execute.** The undersigned are authorized to execute this Settlement Agreement on behalf of their

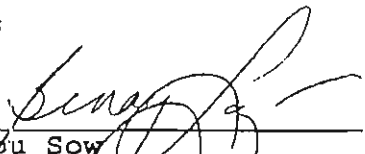
respective parties and have read, understood and agree to all of the terms and conditions of this Settlement Agreement.

AGREED TO:

By:

As You Sow

Dated:


1/25/95

AGREED TO:

By:

William O. Weiss - Secretary
Akzo Nobel Coatings Inc.
William Weiss

Dated:

January 31, 1995

Exhibit A

Wyandotte

Grip-Flex Spray: Cool White, Blue White, High Intensity White, Soft White, Ivory, Clear, Matte Clear & Colorless Base, Solar Clear, High Impact Additive, Tough Coat Clear, Earth Yellow, Poppy Orange(LF), Poppy Orange, Citrus Orange, Golden Yellow(LF), Golden Yellow, Lemon Yellow(LF), Lemon Yellow, Spring Yellow, Sunset Orange, Gold Metallic, Champion Blue, Royal Purple, Regal Blue, Monarch Blue, Magenta, Maroon, Radiant Red, Unique Red(LF), Unique Red, Earth Red, Cherry Red, Flame Red(LF), Flame Red, Bright Scarlet(LF), Bright Scarlet, Dark Brown, Medium Bronze (Duranodic 312), Dark Bronze (Duranodic 313), Dark Bronze (Duranodic 313E), Earth Brown, Erin Green, Hunter Green, Aluminum Metallic, Black, Jet Black

Grip-Flex Screen: Tough Coat Clear, Poppy Orange, Golden Yellow, Lemon Yellow, Unique Red, Flame Red, Bright Scarlet, Cool White, High Intensity White, Soft White, Dark Brown

Grip-Gard Stock Products: Medium Bronze, Dark Bronze, Dark Bronze(E), Anodic Black, Citrus Orange, Golden Yellow, Lemon Yellow, Unique Red, Flame Red, Earth Brown, VPS-1 Base Clear

Grip-Gard Primer System: Grip-Gard Wash Primer

Grip-Gard Solvent & Additives: 883 Accelerator, Grip-Gard Gloss Modifier, Brushing/Rolling Additive, M600

Grip-Gard Intermix: Medium Metallic Very Coarse, Medium Metallic Coarse, Medium Metallic Coarse Sparkle, Orange Red, Light Chrome Yellow, Chrome Yellow

Grip-Flex Intermix: White, Dark Yellow, Light Yellow, Yellow Oxide, Dark Red, Violet Rouge, Brilliant Red, Red Oxide, Black, Dark Orange, Orange, Medium Green, Blue Green, Green Blue, Bright Blue, Violet

Maskants: Transparent Grip-Mask, Pink Grip-Mask, Blue Grip-Mask, Transparent Strip-it, Blue Strip-it

Grip-Flex Solvents & Additives: PC & Ecology Spray Thinner, Fast PC & Ecology Spray Thinner, Fast Spray Thinner & Cleaner, Spray Thinner & Remover, Trouble Free, Grip-Gard HS Brushing/Rolling Additive

Meta-Flex: White, Clear, Gold Metallic, Medium Bronze Metallic 312, Dark Bronze Metallic 313, Dark Bronze Metallic 313E, Aluminum Metallic, Flat Black, Zinc Chromate Wash Primer (A), Brushing/Rolling Additive, 1 Step Brite Lite White,

Shoneys Pole Paint Brown or Bronze, OGF 26265

Chromatic

Bulletin Colors: Black, Flat Black, Vermillion (Warm Red), White, Super White, Fire Red, Bright Red, Carmine, Maroon, Medium Brown, Medium Orange, Primrose Yellow, Lemon Yellow, Chrome Yellow, Light Green, Emerald Green, Medium Green, Dark Green, Blue Green, Brilliant Blue, Light Blue, Process Blue, Dark Blue, Purple, Magenta (Rhodamine Red), Reflex Blue, Medium Gray,

Fluorescent Bulletin Colors: Aurora Pink, Neon Red, Rocket Red, Fire Orange, Blaze Orange, Arc Yellow, Saturn Yellow, Signal Yellow, Horizon Blue, Lightning Yellow, Filteray D Clear

One-Coat Lettering Enamels: Black, Vermillion (Warm Red), White, Fire Red, Bright Red, Imitation Gold, Maroon, Medium Brown, Dark Brown, Ivory, Medium Orange, Primrose Yellow, Lemon Yellow, Chrome Yellow, Emerald Green, Process Green, Medium Green, Green Transparent, Dark Green, Blue Green, Light Blue, Process Blue, Transparent Blue, Brilliant Blue, Dark Blue, Purple, Magenta (Rhodamine Red), Process Purple, Rubine Red Transparent, Reflex Blue, Medium Gray, Tinting Black, Tinting White

Background Enamels: White, Black, Bright Red, Lemon Yellow, Medium Green, Brilliant Blue

Industrial Enamels: High Performance White, High Performance White (fast), White, Black, Ivory, Fleet White S6001, Cat Yellow LF S3007, IE0001 Black Mod. Acrylic, S001 Super Jet Black, Highway Cat Yellow S3006

Industrial Maintenance Coatings: Rust Inhibitive Gray, Maintenance Brown, Walnut Brown, Walnut Brown Semi-Gloss, Medium Brown, Cedar Brown Trim, Backing Gray

Primers & Block Outs: Fast Dry Block Out White, 602 High Viscosity Block Out White, Masonite Primer White, Metal & Wood Primer White, Red Oxide Primer #1080, White Metal Primer #1081, Gray Metal Primer #1082

Art Poster Colors: White, Black, Fire Red, Bright Red, Orange, Ultra Blue, Dark Blue, Light Green, Dark Green, Light Yellow, Chrome Yellow, Blue Green, Magenta, Purple, Brown

Japan Colors:

Dropblack C, Lampblack, Prussian Blue, Ultramarine Blue, C.P. Green L (Light), C.P. Green M (Medium), Emerald Green, Bulletin Red, Liberty Red M (Medium), Signcraft Red, Venetian Red, Flake White, French Zinc White, Chrome Yellow L (Light), Chrome Yellow M (Medium), Chrome Yellow O (Orange), French Yellow Ochre, Burnt Sienna, Raw Sienna, Burnt Umber, Raw Umber, Van Dyke Brown

Pictorial Oil Colors: Cadmium Orange, Cadmium Red Light, Cadmium Red Medium, Cadmium Yellow Light, Cadmium Yellow Medium

Additives, Driers, Clear Coatings: Jones' Cream, Clear Flattening Paste, Gannet Brown, Slow Set Block Out White, Fast Dry Block Out Gray, Neon Speed Dry White Background, Quick Rubbing Varnish

Sikkens Car Refinish

Degreasers: Sikkens Cleaning Solvent, M600, OTO Degreaser

Polyester Puttys and Bodyfillers: Polysurfacel & Hardener, Kombi Putty

Self-Etching Primers/Primer Surfacer: Washfiller 580, Washprimer CR, Washprimer EM, Washprimer EM CF, Washprimer S15/55 Black, Washprimer S15/84 Red, Washprimer Black CF, Washprimer Red CF

Primers/Fillers/Sealers: Sikkens Priming Filler 680 Beige and Gray, Chassis Black 3.5

Autocryl Mixing Colors: 330MS, 330C, 563, 572, 573, 330M

Autonova Mixing Colors: 563, 572

Autobase Mixing Colors: 259, 261, 262, 333CC, 333C, 333CS, 333M, 333EC, 333 MS, 333P, 333PR, 333PB, 341, 400, 528, 530, 533, 538, 550, 563, 568, 572, 573, 579, 666, 744, 777, 952, 956, 971, 977, 333PG, 335, 101, 333DC, 333DF, 332 BA, 332 GA, 332 RA, 332 VA, 334 BA, 334 GA, 334 GB, 334 RA, 334 WA, 334 WB

Clear Coats: Basefix 790, Basefix, Autocoat LV Clear

Hardeners and Reducers: Autocryl 3+1 Filler Hardener, Washhardener, Blending Agent 790, SRA Reducer, Autocryl Non-Stop Reducer, Autocryl XT Reducer, Thinner 680, Autobase 790 Reducer Fast, Autobase 790 Reducer Slow

Special Products and Additives: Autonova Accelerator, Autocryl Accelerator 889, Autocoat LV 444 Flattener

Exhibit B

Attachment B

Provision 2. Warning Stickers Samples

Provision 2.2.1
“carcinogens”

WARNING: This product contains a chemical known to the state of California to cause cancer. 1

Provision 2.2.2
“reproductive toxicants”

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm. 2

Provision 2.2.3
“carcinogens and reproductive toxicants”

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. 3

Exhibit C

(Date)

CERTIFIED MAIL

Dear Akzo Nobel Customer:

California's Proposition 65 regulations require user warnings on all products which contain chemicals known to this State of California to cause cancer, birth defects or reproductive harm. The regulation includes a clause that any citizen or group may prosecute a violator. Recent court cases in California have resulted in fines of up to \$1 Million for paint manufacturers and \$100,000 for paint sellers; all in our industry.

Violators may now be considered as any business (i.e., manufacturers, wholesale distributors, collision repair shops, sign shops, commercial manufacturers of all sizes, etc.) that sell and distribute, or use in their operations; products without proper warnings. In addition, these actions show that now very specific warning text must be used on the label.

The Akzo Nobel Car Refinishing Business Unit has been labeling all products sold and distributed in California since October, 1994. However, there may still be in your inventory Akzo Nobel products that were manufactured prior to October, 1994 and therefore do not include the required warning label. Proposition 65 chemicals, that are sold in California, must be labeled with the appropriate warning immediately.

Enclosed is what we believe will be sufficient number of stickers for you to apply to your unlabeled inventory and instruction for their application. We suggest that you apply them immediately to ensure compliance with California's Proposition 65 requirements and eliminate potential future liability. If additional stickers are required, please contact your Akzo Nobel supplier or representative. We understand that this will cause some inconvenience in your operation, however Proposition 65 warning requirements are affecting virtually every manufacturer, distributor, seller and user of products in our industry.

If you have any questions or concerns regarding Proposition 65 or your potential liabilities, please call Jim Lallement (404) 441-8628 or Charles Stone (404) 441-8622 at Akzo Nobel Car Refinishes Headquarters.

Thank you for your continuing support of Akzo Nobel products.

Cordially,

Signature (TBD)
Title

attachments

cc: California Akzo Nobel Sales Personnel

Exhibit D

MATERIAL SAFETY DATA SHEET

Accelerated Reducers and Additives

Date of Preparation: November, 1994

Section I - Product Information

Manufacturer: Akzo Nobel Coatings Inc. **Canadian Supplier:** Akzo Nobel Coatings Ltd.
 5555 Spalding Drive 110 Woodbine Downs Blvd.
 Norcross, GA 30092 Unit #4 Etobicoke, Ontario
 USA Canada M9W 5S6

Emergency Telephone: For US transportation emergencies call - Chemtrec: 800-424-9300 For Canadian transportation emergencies call - Canutec: 613-996-6666 For poison information call - Poisindex: 303-832-3332

Product Class: Resin - Solvent Blends**Product Codes (item numbers US-Canadian):**

Elast-O-Actif 006000 - 1016601
 Autocoat LV Flex 006009 - NA
 Novaflex 006004 - 1015450
 Autonova Accelerator 00601200/6014 - 1015350/101535
 Autocryl Temp-O-Gloss 006023 - 1017201/1017205
 Autocryl Accelerator 889 006120/006122 - 1015750/1015751
 Autocryl Extra Top 006210 - NA
 Autocryl Gloss Resin 006001 - NA
 Temp-O-Actif 2 005032 - NA
 Anti Silicon 006054 - 1016450

Section II - Hazardous Ingredients

Hazardous Ingredient	% by weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
Elast-O-Actif contains:									
N-butyl Acetate	20-40%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Xylene(SARA313)	18.2%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethylbenzene(SARA313)	3.8%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Hindered Amine	1-5%	41556-26-7	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Autocoat LV Flex contains:									
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Ethyl Amyl Ketone	10-20%	541-85-5	2.1	25ppm	25ppm	3500	n. av.	3484	n.ap
Methyl Amyl Ketone	10-20%	110-43-0	2.1	50ppm	100ppm	1600	10000	2000	1.1
Xylene(SARA313)	1.2%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Hindered Amine	1-5%	41556-26-7	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Novaflex contains:									
Xylene(SARA313)	17.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Benzotriazole Complex	1-5%	25973-55-1	n. ap.	n. av.	n. av.	7750	1100	0.4mg/l	n.ap
Propylene Glycol Methyl Ether	20-40%	107-98-2	12.5	100ppm	100ppm	6052	12000	n. av.	1.6
Autocryl Accelerator 889 contains:									
Acetone (SARA313)	28.0%	67-64-1	186.0	750ppm	750ppm	n. av.	n. av.	n. av.	2.2
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Xylene(SARA313)	7.5%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethylbenzene(SARA313)	1.6%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Ethyl Acetate	5-10%	141-78-6	72.8	400ppm	400ppm	11300	n. av.	1600	2.2
Propylene Glycol Methyl Ether Acetate	5-10%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Isopropyl Alcohol	1-5%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Toluene(SARA313)(P65)	15.8%	108-88-3	22.0	50ppm	100ppm	5000	14000	4000	1.2
Temp-O-Gloss contains:									
Aromatic Petroleum 150	5-10%	64742-94-5	1.0	50ppm	500ppm	n. av.	n. av.	n. av.	1.0
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Hydrotreated Naphtha	1-5%	64742-48-9	110.0	200ppm	100ppm	15300	19100	13.mg/l	1.0
Propylene Glycol Methyl Ether	5-10%	107-98-2	12.5	100ppm	100ppm	6052	12000	n. av.	1.6
Propylene Glycol Methyl Ether Acetate	20-40%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Xylene(SARA313)	6.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethylbenzene(SARA313)	1.4%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0

Hazardous Ingredient	% by weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
Autonova Accelerator contains:									
Acetone (SARA313)	23.7%	67-64-1	186.0	750ppm	750ppm	n. av.	n. av.	n. av.	2.2
Aromatic Naphtha 100	1-5%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
N-butyl Acetate	20-40%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Methyl Isoamyl Ketone	1-5%	110-12-3	4.5	50ppm	100ppm	4760	10000	n. av.	1.1
Xylene(SARA313)	6.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethylbenzene(SARA313)	1.4%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Toluene(SARA313)(P65)	16.0%	108-88-3	22.0	50ppm	100ppm	5000	14000	4000	1.2

Extra Top contains:

N-butyl Acetate	70-90%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Trimethylbenzene	1-5%	25551-13-7	n. ap.	25ppm	25ppm	n. av.	n. av.	n. av.	n. ap.
Cumene(SARA313)	4.8%	98-82-8	< 10	50ppm	50ppm	1400	n. av.	8000	0.9

Autocryl Gloss resin contains:

Xylene(SARA313)	30.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethylbenzene(SARA313)	6.7%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0

Temp-O-Actif 2 contains:

Aromatic Naphtha 100	5-10%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Propylene Glycol Methyl Ether Acetate	20-40%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Tert-butyl Alcohol(SARA313)	31.5%	75-65-0	40.0	100ppm	100ppm	n. av.	n. av.	n. av.	n. ap.
2-butoxy Ethyl Acetate(SARA313)	15.0%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8

Anti Silicon contains:

N-butyl Acetate	20-40%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Xylene(SARA313)	6.6%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethylbenzene(SARA313)	1.4%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Isobutyl Alcohol	40-70%	78-83-1	8.8	50ppm	50ppm	2460	4240	n. av.	1.7

Further Information for Individual Products

Product	Boiling Range	% Volatile Volume	Wt. per Gal. (Spec. Grav.)	Flash Point	LEL	NFPA Flam.	Odor Threshold
Elast-O-Actif	177-284F (81-140C)	65	8.2 (0.98)	76F (24C)	1.0	1B	0.0063ppm
Autocoat LV Flex	260-324F (127-162C)	42	8.5 (1.02)	83F (28C)	1.0	1C	0.0063ppm
Novaflex	248-284F (120-140C)	60	8.4 (1.01)	87F (31C)	0.9	1C	15.0ppm
Autonova Accelerator	133-344F (56-173C)	88	7.4 (0.89)	11F (12C)	0.9	1B	0.0063ppm
Autocryl Temp-O-Gloss	195-380F (91-193C)	85	7.9 (0.95)	88F (31C)	0.9	1C	0.0063ppm
Autocryl Accelerator: 889	133-295F (56-146C)	93	7.3 (0.88)	4F (-16C)	1.0	1B	0.0063ppm
Autocryl Extra Top	260-262F (127-128C)	92	7.3 (0.88)	80F (27C)	0.9	1C	0.0063ppm
Autocryl Gloss Resin	195-380F (91-193C)	71	8.2 (0.98)	104F (40C)	0.9	1C	0.092ppm
Temp-O-Actif 2	181-367F (83-186C)	99	7.2 (0.86)	79F (26C)	0.8	1C	0.0063ppm
Anti Silicon	223-300F (106-149C)	99	6.9 (0.83)	78F (26C)	1.0	1C	0.0063ppm

LD₅₀ Oral - rat mg/m³, LD₅₀ Dermal - rabbit mg/m³, LC₅₀ Inhalation - rat mg/m³ unless otherwise specified.

Chemicals marked with (SARA313) are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA); see Section IX - Regulatory Information. Chemicals marked with (P65) are regulated in California by Proposition 65; see Section IX - Regulatory Information.

Section III - Physical Data

Evaporation Rate: Slower than ether
Vapor Density: Heavier than air
Boiling Range: See Section II
Weight per Gallon: See Section II
Percent Volatile by Volume: See Section II
Physical state: Liquid
Odor and Appearance: organic odor, clear liquid
Odor Threshold (ppm): See Section II
Vapor Pressure: See Technical Table
Freezing point, Coefficient of water/oil distribution, pH: Not applicable or not available

Section IV - Fire or Explosion Hazard

Flash Point (SFCC): See Section II
Lower Explosive Limit: See Section II
NFPA Flammability: See Section II

Extinguishing Media: Foam, carbon dioxide, dry chemicals.
Unusual Fire and Explosion Hazards: Keep containers tightly closed, isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
Special Fire Fighting Procedures: Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

Section V- Reactivity Data

Stability: Stable under non-emergency conditions.
Incompatibility (materials to avoid): Alkalis, acids, oxidizers, alkali metals, nitric acid, sodium hydroxide.
Hazardous Polymerization: Will not occur.

Conditions to Avoid: High temperatures, flame, sparks.
Hazardous Decomposition Products: Oxides of carbon, various hydrocarbons.

Section VI - Toxicological Properties

Threshold Limit Value: None established for this product. For further information, see Section II - Hazardous Ingredients

Cancer Risks: No ingredients in these products are known to NTP, IARC, ACGIH or OSHA to be carcinogenic.

Exposure Effects: Acute and Chronic

Inhalation: Nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, chemical pneumonitis, central nervous system depression and even asphyxiation. Delayed lung damage, kidney, liver, and cardiac disorders, red blood cell and leukocyte disorders which may result in anemia.

Skin contact: Extraction of natural oils with resulting dry skin, irritation, redness and dermatitis. Chronic sensitization to skin may occur.

Eye contact: Irritation, redness, pain, blurred vision, sensation of seeing halos around lights.

Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea; kidney damage, blood system damage.

Other Health Effects:
Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Aromatic hydrocarbons have been shown in animal studies to cause adverse effects on blood and blood forming tissues and may in rare cases sensitize the heart causing cardiac arrhythmia. 2-Butoxyethyl Acetate has been shown in animal studies to cause adverse effects on blood and blood forming tissues. Butyl acetate may be very toxic. A 4 hour LC₅₀ of 160 ppm in male and female rats has been reported by 3M (unreviewed). Overexposure to isopropanol may cause skin sensitization.

Section VII - Preventive Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Remove all sources of ignition. Avoid breathing vapors, ventilate confined area. Dike to reduce extent of spill. Remove with inert absorbent using non-sparking tools. If necessary report to applicable government agency.

Waste Disposal Method: Dispose of in accordance with federal, state or provincial and local pollution requirements. In addition, rags, spray booth filters, paint suits, empty cans, etc., contaminated with product may be hazardous waste. Determine whether contaminated items are hazardous and dispose of as appropriate.

Respiratory Protection: Adequate ventilation is required. In confined areas use NIOSH/MSHA approved airline respirator or hood. If monitoring demonstrates levels below TLV or PEL wear a NIOSH/MSHA approved respirator device. In cases where no monitoring for airborne contaminants has been carried out, assume maximum exposure and use paint suit, goggles, gloves, and air supplied respiratory equipment. See safety equipment supplier for evaluation and recommendation.

Ventilation: Provide sufficient ventilation to keep vapor concentration below the given TLV and/or PEL. For baking finishes, exhaust vapors emitted during heating. Remove decomposition products formed during welding or flame cutting of surfaces coated with this product.

Protective Gloves: Required for prolonged or repeated contact. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety goggles designed to protect against splash of liquids when spraying or when working with open liquids such as during mixing or pouring.

Other Protective Equipment: Eye bath and shower should be available. Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent contact. Liquid may penetrate shoes and leather causing delayed irritation.

Hygienic Practices: Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

Precautions To Be Taken In Handling And Storing: Store containers out of sun and away from heat, sparks, and open flames. Close all containers after each use. Consult NFPA and local codes for additional storage requirements.

Other Precautions: Do not take internally. Use approved bonding and grounding procedures. Observe label precautions. Keep closures tight and container upright to prevent leakage. Never use pressure to empty container; drum is not a pressure vessel. Avoid breathing sanding dust. Do not weld or flame cut on empty drum.

Section VIII - First Aid Measures

Emergency and First Aid Procedures:

Inhalation - move to fresh air, give artificial respiration if necessary.

Skin contact - wash with soap and water, not solvent.

Eye contact - flush with water for at least 15 minutes, consult a physician.

Ingestion - drink one or two glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically.

Medical Conditions Prone to Aggravation: Pulmonary conditions, skin disorders.

Section IX - Regulatory Information

OSHA: These products are considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS: B2;D2B

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311 / 312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Toxic Chemicals: acetone, xylene, ethylbenzene, cumene, tert-butyl alcohol, 2-butoxyethyl acetate, and toluene. You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202

RCRA: When discarded in their supplied form, these product meet the hazard criteria of "ignitability" and must be considered as hazardous waste D001.

TSCA status: All ingredients are TSCA registered.

CEPA status: All ingredients are listed on the DSL or NDSL

Proposition 65: Autonova Accelerator contains toluene.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 889 Accelerator contains toluene. **WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Section X - Preparation Information

Transportation:*Ground Shipments:*

Proper Shipping Name: Paint Related Material

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: III (Autonova Accelerator and Autocryl Accelerator 889 II)

Hazard Label: Flammable Liquid

IMO / IMDG (Ocean) Shipments:

Proper Shipping Name: Paint Related Material

Hazard Class or Division: 3.3 (Autonova Accelerator and Autocryl Accelerator 889 3.2)

UN Identification Number: UN1263

Packaging Group: III (Autonova Accelerator and Autocryl Accelerator 889 II)

Hazard Label: Flammable Liquid

IMDG Page (English translation): 3372 (Autonova Accelerator and Autocryl Accelerator 889: 3268)

Marine Pollutant: No

ICAO / IATA (Aircraft) Shipments:

Proper Shipping Name: Paint Related Material

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: III (Autonova Accelerator and Autocryl Accelerator 889 II)

Hazard Label: Flammable Liquid

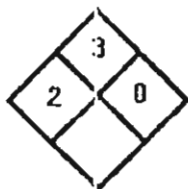
Packaging Instructions Passenger Aircraft (IATA English translation): 309 or Y309 (Autonova Accelerator and Autocryl Accelerator 889: 305 or Y305)

Packaging Instructions Cargo Aircraft (IATA English translation): 310 (Autonova Accelerator and Autocryl Accelerator 889: 307)

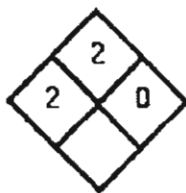
Special Provisions: A3, A7, A72

Elast-O-Actif
Autonova Accelerator
Autocryl Accelerator 889Autocoat LV Flex
Novaflex
Temp-O-Gloss
Autocryl Gloss Resin
Temp-O-Actif II
Anti Silicon
Extra Top

NFPA 704



NFPA 704



Prepared by Akzo Nobel Coatings Car Refinish Manufacturing Operations Department.

Phone: 404-441-8628

Reference sources used in addition to raw material supplier MSDS information:

American Conference of Governmental Industrial Hygienists, *1993-1994 Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices*, ACGIH, Cincinnati, OH 1993.Lewis, Richard J. Sr., *Hazardous Chemicals Desk Reference*, Third Edition, Van Nostrand Reinhold, New York, 1993.U.S. Department of Health and Human Services, Centers for Disease Control, *NIOSH Pocket Guide to Chemical Hazards*, NIOSH, Cincinnati, OH, 1990.DO NOT HANDLE UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. REGULATIONS REQUIRE THAT ALL EMPLOYEES BE TRAINED ON MATERIAL SAFETY DATA SHEETS FOR ALL PRODUCTS WITH WHICH THEY COME IN CONTACT.

While Akzo Nobel Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Nobel Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

Washprimers and Washfillers

Date of Preparation: November, 1994

Section I - Product Information

Manufacturer: Akzo Nobel Coatings Inc. Canadian Supplier: Akzo Nobel Coatings Ltd.
5555 Spalding Drive 110 Woodbine Downs Blvd.
Norcross, GA 30092 Unit #4 Etobicoke, Ontario
USA Canada M9W 5S6

Emergency Telephone: For US transportation emergencies call - Chemtrec: 800-424-9300 For Canadian transportation emergencies call - Canutec: 613-996-6666 For poison information call - Poisindex: 303-832-3332

Product Class: Undercoatings

Product Codes (US - Canadian):

Washprimer CR 1040/1042 - 1018250/1018205
Washprimer EM 1070/1072 - 1017350/1017351
Washfiller 580 1004/1005 - 1017601/1017605
Washprimer Red S15/84 1002/1003 - NA
Washprimer Black S15/55 1008/1010 - 1017705
Washprimer Red CF 2247 - NA
Washprimer Black CF 1035 - NA
Washprimer EM CF 001045/001046 - 1019601/1019603

Section II - Hazardous Ingredients

Hazardous Ingredient	% by weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
S15/84 contains									
Xylene(SARA313)	2.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Tak	5-10%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n. ap.
Methyl Isobutyl Ketone(SARA313)	30.7%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
Ethyl Alcohol	10-20%	64-17-5	44.0	1000ppm	1000ppm	7060	20000	20000	3.3
Isopropyl Alcohol	10-20%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Formaldehyde(SARA313)(P65)	0.09%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
N-butyl Alcohol(SARA313)	1.7%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Lead Titanate(SARA313)(P55)	1.6%	12060-00-3	n. ap.	.15mg/m ³	.05mg/m ³	n. av.	n. av.	n. av.	n. ap.
Iron Oxide Red	5-10%	1309-37-1	n. ap.	5mg/m ³	n. ap.	n. av.	n. av.	n. av.	n. ap.
Strontium Chromate(SARA313)(P65)	1.9%	7789-06-2	n. ap.	.0005mg/m ³	.5mg/m ³	3118	n. av.	n. av.	n. ap.
Zinc Chromate(SARA313)(P65)	2.1%	13530-65-9	n. ap.	.01mg/m ³	.01mg/m ³	n. av.	n. av.	n. av.	n. ap.
S15/55 contains									
Xylene(SARA313)	1.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Tak	5-10%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n. ap.
Methyl Isobutyl Ketone(SARA313)	29.9%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
Ethyl Alcohol	10-20%	64-17-5	44.0	1000ppm	1000ppm	7060	20000	20000	3.3
Isopropyl Alcohol	5-10%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Formaldehyde(SARA313)(P65)	0.07%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
N-butyl Alcohol(SARA313)	2.9%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Lead Titanate(SARA313)(P65)	3.5%	12060-00-3	n. ap.	.15mg/m ³	.05mg/m ³	n. av.	n. av.	n. av.	n. ap.
Strontium Chromate(SARA313)(P65)	0.9%	7789-06-2	n. ap.	.0005mg/m ³	.5mg/m ³	3118	n. av.	n. av.	n. ap.
Zinc Chromate(SARA313)(P65)	0.9%	13530-65-9	n. ap.	.01mg/m ³	.01mg/m ³	n. av.	n. av.	n. av.	n. ap.
Ethyl Acetate	1-5%	141-78-6	72.8	400ppm	400ppm	11300	n. av.	1600	2.2
Iron Magnetite	10-20%	1309-38-2	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n. ap.
Methyl Alcohol(SARA313)	1.1%	67-56-1	96.0	200ppm	200ppm	5628	20000	64000	1.1
Mica	1-5%	12003-38-2	n. ap.	3mg/m ³	n. av.	n. av.	n. av.	n. av.	n. ap.
Washfiller 580 contains:									
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
N-butyl Alcohol(SARA313)	14.4%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Ethylbenzene(SARA313)	1.4%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Isopropyl Alcohol	10-20%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Methyl Isobutyl Ketone(SARA313)	5.2%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
Xylene(SARA313)	6.3%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Formaldehyde(SARA313)(P65)	0.004%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
Propylene Glycol Methyl Ether Acetate	1-5%	108-65-6	3.8	n. av.	n. av.	6532	5000	n. av.	1.5
Titanium Dioxide	10-20%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n. ap.
Tak	5-10%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n. ap.
Zinc Chromate(SARA313)(P65)	4.3%	13530-65-9	n. ap.	.01mg/m ³	.01mg/m ³	n. av.	n. av.	n. av.	n. ap.

Washprimer EM contains:

Acetone (SARA313)	1.2%	67-64-1	186.0	750ppm	750ppm	n. av.	n. av.	n. av.	2.2
N-butyl Acetate	5-10%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
N-butyl Alcohol (SARA313)	11.0%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Ethylbenzene (SARA313)	1.7%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Ethyl Alcohol	10-20%	64-17-5	44.0	1000ppm	1000ppm	7060	20000	20000	3.3
Ethyl Acetate	1-5%	141-78-6	72.8	400ppm	400ppm	11300	n. av.	1500	2.2
Isopropyl Alcohol	10-20%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Methyl Isobutyl Ketone (SARA313)	10.7%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
Xylene (SARA313)	7.6%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Propylene Glycol Methyl Ether Acetate	1-5%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Titanium Dioxide	5-10%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Talc	5-10%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Zinc Chromate (SARA313) (P65)	3.5%	13530-65-9	n. ap.	.01mg/m ³	.01mg/m ³	n. av.	n. av.	n. av.	n.ap

Washprimer EM CF contains:

Amorphous Silica	1-5%	112926-00-8	n. ap.	10mg/m ³	6mg/m ³	3160	n. av.	n. av.	n.ap
N-butyl Acetate	5-10%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
N-butyl Alcohol (SARA313)	11.6%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Ethylbenzene (SARA313)	3.0%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Ethyl Alcohol	5-10%	64-17-5	44.0	1000ppm	1000ppm	7060	20000	20000	3.3
Formaldehyde (SARA313) (P65)	0.02%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
Glycidoxypropyltrimethoxysil	1-5%	2530-83-8	n. ap.	5ppm	n. av.	23000	3970	n. av.	n.ap
Iron Oxide Hydrated	1-5%	51274-00-1	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Isopropyl Alcohol	1-5%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Isopropylidenediphenyl/Ecl	1-5%	25036-25-3	n. ap.	10mg/m ³	10mg/m ³	30000	>3000	n. av.	n.ap
Methyl Isobutyl Ketone (SARA313)	13.0%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
Xylene (SARA313)	13.7%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Propylene Glycol Methyl Ether Acetate	1-5%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Titanium Dioxide	5-10%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Talc	5-10%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Zinc Borate (SARA313)	1-5%	1332-67-6	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Zinc Oxide (SARA313)	1-5%	1314-13-2	n. ap.	5mg/m ³	5mg/m ³	7950	n. av.	n. av.	n.ap

Washprimer CR contains:

Isobutyl Alcohol	10-20%	78-83-1	8.8	50ppm	50ppm	2460	4240	n. av.	1.7
Formaldehyde (SARA313) (P65)	0.02%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
Isopropyl Alcohol	40-70%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Talc	1-5%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Zinc Chromate (SARA313) (P65)	8.0%	13530-65-9	n. ap.	.01mg/m ³	.01mg/m ³	n. av.	n. av.	n. av.	n.ap

Washprimer Black CF contains:

N-butyl Alcohol (SARA313)	1.8%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Ethyl Alcohol	10-20%	64-17-5	44.0	1000ppm	1000ppm	7060	20000	20000	3.3
Formaldehyde (SARA313) (P65)	0.12%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
Isopropyl Alcohol	10-20%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Methyl Isobutyl Ketone (SARA313)	30.7%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
Talc	5-10%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Xylene (SARA313)	2.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Zinc Molybdate (SARA313)	4.0%	22914-58-5	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap

Washprimer Red CF contains:

Iron Oxide Red	1-5%	1309-37-1	n. ap.	5mg/m ³	n. ap.	n. av.	n. av.	n. av.	n.ap
N-butyl Alcohol (SARA313)	1.8%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Ethyl Alcohol	10-20%	64-17-5	44.0	1000ppm	1000ppm	7060	20000	20000	3.3
Formaldehyde (SARA313) (P65)	0.12%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
Isopropyl Alcohol	10-20%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Methyl Isobutyl Ketone (SARA313)	30.7%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
Talc	5-10%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Xylene (SARA313)	2.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Zinc Molybdate (SARA313)	4.0%	22914-58-5	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap

Further Information for Individual Products

Product/Code	Boiling Range	% Volatile Volume	Wt per Gal. (Spec. Grav.)	Flash Point	LEL	NFPA Flam.	Odor Threshold
Washprimer CR	180-243F (82-117C)	90	7.3 (0.88)	54F (12C)	1.7	1B	1.25 ppm
Washprimer EM	133-295F (56-146C)	79	9.0 (1.08)	54F (12C)	1.0	1B	0.0063 ppm
Washfiller 580	133-295F (56-146C)	76	9.4 (1.13)	64F (18C)	1.0	1B	0.0063 ppm
Washprimer Red S15/34	171-284F (77-140C)	83	8.4 (1.01)	54F (12C)	1.0	1B	1.25 ppm
Washprimer Black S15/55	147-284F (64-140C)	81	9.0 (1.08)	50F (10C)	1.0	1B	1.25 ppm
Washprimer Red CF	171-284F (77-140C)	77	8.2 (0.98)	54F (12C)	1.0	1B	1.25 ppm
Washprimer Black CF	171-284F (77-140C)	76	8.1 (0.97)	54F (12C)	1.0	1B	1.25 ppm

LD₅₀ Oral - rat mg/m³, LD₅₀ Dermal - rabbit mg/m³, LC₅₀ Inhalation - rat mg/m³ unless otherwise specified.

Chemicals marked with (SARA313) are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA); see Section IX - Regulatory Information. Chemicals marked with (P65) are regulated in California by Proposition 65; see Section IX - Regulatory Information.

Section III - Physical Data

Evaporation Rate: Slower than ether
Vapor Density: Heavier than air
Boiling Range: See Section II
Weight per Gallon: See Section II
Percent Volatile by Volume: See Section II
Physical state: Liquid
Odor and Appearance: organic odor, colored liquid
Odor Threshold (ppm): See Section II
Vapor Pressure: See Technical Table
Freezing point, Coefficient of water/oil distribution, pH: Not applicable or not available.

Section IV - Fire or Explosion Hazard

Extinguishing Media: Foam, carbon dioxide, dry chemicals.
Unusual Fire and Explosion Hazards: Keep containers tightly closed, isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
Special Fire Fighting Procedures: Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

Section V - Reactivity Data

Stability: Stable under non-emergency conditions.
Incompatibility (materials to avoid): Alkalis, acids, oxidizers, water, alkali metals, halogenated solvents, nitric acid, halogen compounds, sodium hydroxide, hydrogen peroxide.
Hazardous Polymerization: May occur.
Conditions to Avoid: High temperatures, flame, sparks high humidity, moisture.
Hazardous Decomposition Products: Oxides of carbon and nitrogen, fumes, various hydrocarbons, toxic fumes, aldehydes, butyraldehyde, acroleins, crotonal, formaldehyde, acids, butyric acid, hydrogen gas.

Section VI - Toxicological Properties

Threshold Limit Value: None established for this product.
For further information, see Section II - Hazardous Ingredients
Cancer Risks: Hexavalent chromium from chromate compounds is listed by ACGIH as a confirmed human carcinogen (A1), NTP as a known carcinogen and IARC as being carcinogenic to humans (group 1). Lead from lead compounds is listed by ACGIH as a suspected human carcinogen (A2), and by IARC as possibly being carcinogenic to humans (group 1). Formaldehyde is listed by OSHA as a cancer hazard, ACGIH as a suspected human carcinogen (A2), NTP as reasonably anticipated to be a carcinogen and IARC as carcinogenic to humans (Group 2A). Ethyl alcohol has been determined to be carcinogenic by IARC based upon chronic exposure through human consumption via the drinking of alcoholic beverages, over time.
Exposure Effects: Acute and Chronic
Inhalation: Nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, chemical pneumonitis, central nervous system depression and even asphyxiation. Delayed lung damage, kidney, liver, and cardiac disorders, red blood cell and leukocyte disorders which may result in anemia.

Skin contact: Extraction of natural oils with resulting dry skin, irritation, redness and dermatitis. Chronic sensitization to skin may occur.

Eye contact: Irritation, redness, pain, blurred vision, sensation of seeing halos around lights.

Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea; kidney damage, blood system damage.

Other Health Effects:

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Prolonged abuse of ethanol may cause permanent liver, blood and cardiovascular damage. Hexavalent chromium compounds may cause dermatitis, skin and respiratory sensitization, skin ulceration, irritate and damage mucous membranes, cause kidney damage and pulmonary edema.

Methyl alcohol is readily absorbed through the skin. Overexposure to methyl alcohol may lead to loss of sight. Overexposure to isopropanol may cause skin sensitization. Overexposure to butanol combined with high noise levels may cause hearing damage. Repeated intake of lead by inhalation and/or ingestion may cause lead poisoning, birth defects, anemia and kidney damage.

Butyl acetate may be very toxic. A 4 hour LC₅₀ of 160 ppm in male and female rats has been reported by 3M (unreviewed). Aromatic hydrocarbons have been shown in animal studies to cause adverse effects on blood and blood forming tissues and may in rare cases sensitize the heart causing cardiac arrhythmia.

Section VII - Preventive Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Remove all sources of ignition. Avoid breathing vapors, ventilate confined area. Dike to reduce extent of spill. Remove with inert absorbent using non-sparking tools. If necessary report to applicable government agency.

Waste Disposal Method: Dispose of in accordance with federal, state or provincial and local pollution requirements. In addition, rags, spray booth filters, paint suits, empty cans, etc., contaminated with product may be hazardous waste. Determine whether contaminated items are hazardous and dispose of as appropriate.

Respiratory Protection: Adequate ventilation is required. In confined areas use NIOSH/MSHA approved air supplied respirator. If monitoring demonstrates levels below TLV or PEL wear a NIOSH/MSHA approved respirator device. If using S15/55 or S15/84, be aware that these primers contain lead. Use NIOSH/MSHA approved respirator with HEPA Dust Cartridges for concentrations below 0.05mg/m³ as Pb. For concentrations above 0.05 mg/m³ as Pb, use air supplied respirator. See OSHA Standard 29 CFR Section 1910.1025 for safety equipment supplier for evaluation and recommendation. In cases where no monitoring for airborne contaminants has been carried out, assume maximum exposure and use paint suit, goggles, gloves, and air supplied respiratory equipment.

Ventilation: Provide sufficient ventilation to keep vapor concentration below the given TLV and/or PEL. For bal finishes, exhaust vapors emitted during heating. Remove decomposition products formed during welding or flaring of surfaces coated with this product.

Protective Gloves: Required for prolonged or repeated contact. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety goggles designed to protect against splash of liquids when spraying or when working with open liquids such as during mixing or pouring.

Other Protective Equipment: Eye bath and shower should be available. Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent contact. Liquid may penetrate shoes and leather causing delayed irritation.

Hygienic Practices: Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

Precautions To Be Taken In Handling And Storing: Store containers out of sun and away from heat, sparks, and open flames. Close all containers after each use. Consult NFPA and local codes for additional storage requirements.

Other Precautions: Do not take internally. Use approved bonding and grounding procedures. Observe label precautions. Keep closures tight and container upright to prevent leakage. Never use pressure to empty container; drum is not a pressure vessel. Avoid breathing sanding dust. Do not weld or flame cut on empty drum.

Section VIII - First Aid Measures

Emergency and First Aid Procedures:

Inhalation - move to fresh air, give artificial respiration if necessary.

Skin contact - wash with soap and water, not solvent;

Eye contact - flush with water for at least 15 minutes, consult a physician;

Ingestion - drink one or two glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically

Medical Conditions Prone to Aggravation: Pulmonary conditions, skin disorders, neurological disorders.

Section IX - Regulatory Information:

OSHA: These products are considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS: B2;D2A

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311 / 312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Toxic Chemicals: acetone, xylene, methyl isobutyl ketone, n-butanol, methyl alcohol, lead compounds, chromium (hexavalent) compounds, zinc compounds, ethylbenzene and formaldehyde. You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202

RCRA: When discarded in its supplied form, this product meets the hazard criteria of "ignitability" and must be considered as hazardous waste D001. All products with the exception of EMCF, Red CF and Black CF contain chromium to the extent that they would be also classified as D007.

S15/84 and S15/55 also contain lead to the extent that they would be also classified as D008.

TSCA status: All ingredients are TSCA registered.

CEPA status: All ingredients are listed on the DSL or NDSL.

Proposition 65: S15/55 and S15/84 contain lead. **WARNING:** This product contains a chemical known to the State of California to cause cancer. S15/55, S15/84 EM, CR and 580 contain hexavalent chromium. **WARNING:** This product contains a chemical known to the State of California to cause cancer. All of these products except Washprimer EM

contain formaldehyde. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

Transportation:

Ground Shipments:

Proper Shipping Name: Paint

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: III

Hazard Label: Flammable Liquid

IMO / IMDG (Ocean) Shipments:

Proper Shipping Name: Paint

Hazard Class or Division: 3.2

UN Identification Number: UN1263

Packaging Group: III

Hazard Label: Flammable Liquid

IMDG Page (English translation): 3268

Marine Pollutant: No

ICAO / IATA (Aircraft) Shipments:

Proper Shipping Name: Paint

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: These product would normally be classified as Packaging Group II, however, they may be reclassified as III due to their viscosity (IATA Dangerous Goods Regulations, 1994, reference 3.3.3, page 47)

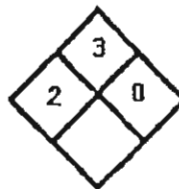
Hazard Label: Flammable Liquid

Packaging Instructions Passenger Aircraft (IATA English translation): 309 or Y309, when reclassified as PG III.

Packaging Instructions Cargo Aircraft (IATA English translation): 310, when reclassified as PG III.

Special Provisions: A3, A7, A72

NFPA 704



Section X - Preparation Information

Prepared by Akzo Nobel Coatings Car Refinish Manufacturing Operations Department.

Phone: 404-441-8628

Reference sources used in addition to raw material supplier MSDS information:

American Conference of Governmental Industrial Hygienists, 1993-1994 *Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices*, ACGIH, Cincinnati, OH 1993.

Lewis, Richard J. Sr., *Hazardous Chemicals Desk Reference*, Third Edition, Van Nostrand Reinhold, New York, 1993.

U.S. Department of Health and Human Services, Centers for Disease Control, *NIOSH Pocket Guide to Chemical Hazards*, NIOSH, Cincinnati, OH, 1990.

DO NOT HANDLE UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. REGULATIONS REQUIRE THAT ALL EMPLOYEES BE TRAINED ON MATERIAL SAFETY DATA SHEETS FOR ALL PRODUCTS WITH WHICH THEY COME IN CONTACT.

While Akzo Nobel Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Nobel Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

MATERIAL SAFETY DATA SHEET

Cleaners and Degreasers

Date of Preparation: November, 1994

Section I - Production Information

Manufacturer:	Akzo Nobel Coatings Inc. 5555 Spalding Drive Norcross, GA 30092 USA	Canadian Supplier:	Akzo Nobel Coatings Ltd. 110 Woodbine Downs Blvd. Unit #4 Etobicoke, Ontario Canada M9W 5S6
---------------	--	--------------------	--

Emergency Telephone:	For US transportation emergencies call - Chemtrec: 800-424-9300	For Canadian transportation emergencies call - Canutec: 613-996-6666	For poison information call - Poisindex: 303-832-3332
----------------------	---	--	---

Product Class: Solvent Blend

Product Codes (US - Canadian):
 M600 Wax & Grease Remover (6040/6041-1015551/1015552)
 Sikkens Cleaning Solvent (5003/5004-NA)
 OTO Quick Degreaser (5007/5009-1052351/1522352)
 Cleaning Solvent 790 (5006-NA)
 Anti-static Degreaser (5013-1054205)
 Lacquer Thinner 1020 (NA-1036320)

Section II - Hazardous Ingredients

Hazardous Ingredient	% by weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
M600 contains:									
V M & P Naphtha	40-70%	8032-32-4	38.0	300ppm	300ppm	n. av.	n. av.	1600	0.9
Xylene(SARA313)	3.2%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethylbenzene(SARA313)	0.8%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Aliphatic Hydrocarbons	10-30%	64742-89-8	60.0	50ppm	500ppm	18400	3600	16000	1.0
Stoddard Solvent	5-10%	8052-41-3	2.0	100ppm	100ppm	n. av.	n. av.	n. av.	1.0
Ethyl Acetate	5-10%	141-78-8	72.8	400ppm	400ppm	11300	n. av.	1600	2.2

Sikkens Cleaning Solvent contains:

Acetone (SARA313)	50.0%	67-64-1	186.0	750ppm	750ppm	n. av.	n. av.	n. av.	2.2
N-butyl Acetate	5-10%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Toluene(SARA313)(P65)	45.0%	108-88-3	22.0	50ppm	100ppm	5000	14000	4000	1.2

OTO Quick Degreaser contains:

Isopropyl Alcohol	5-10%	67-63-0	32.4	400ppm	400ppm	5840	13000	12000	2.0
Ethylbenzene(SARA313)	15.2%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
V M & P Naphtha	10-30%	8032-32-4	38.0	300ppm	300ppm	n. av.	n. av.	1600	0.9
Xylene(SARA313)	64.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5

Lacquer Thinner 1020 contains:

Methyl Alcohol(SARA313)	18.0%	67-56-1	96.0	200ppm	200ppm	5628	20000	64000	1.1
Toluene(SARA313)(P65)	59.0%	108-88-3	22.0	50ppm	100ppm	5000	14000	4000	1.2
Methyl Ethyl Ketone(SARA313)	23.0%	78-93-3	77.5	200ppm	200ppm	2737	13000	9610	1.1

Anti-static Degreaser contains:

Isobutyl Alcohol	40-70%	78-83-1	8.8	50ppm	50ppm	2460	4240	n. av.	1.7
Stoddard Solvent	40-70%	8052-41-3	2.0	100ppm	100ppm	n. av.	n. av.	n. av.	1.0

Cleaning Solvent 790 contains:

Methyl Isobutyl Ketone(SARA313)	55.0%	108-10-1	16.0	50ppm	50ppm	1600	n. av.	2000	1.2
N-butyl Alcohol(SARA313)	10.0%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
Xylene(SARA313)	24.3%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Acetone (SARA313)	5.0%	67-64-1	186.0	750ppm	750ppm	n. av.	n. av.	n. av.	2.2
Ethylbenzene(SARA313)	5.7%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0

Further Information for Individual Products

Product	Boiling Range	% Volatile Volume	Wt. per Gal. (Spec. Grav.)	Flash Point (SFCC)	LEL	NFPA Flam.	Odor Threshold
M600 Wax & Grease Remover	168-385F (76-196C)	100	6.2 (0.73)	30F (-1C)	0.9	1B	6.3 ppm
Sikkens Cleaning Solvent	133-293F (56-145C)	100	7.1 (0.85)	40F (4C)	1.2	1B	3.6 ppm
OTO Quick Degreaser	180-293F (82-145C)	100	7.1 (0.85)	55F (13C)	0.9	1B	20.0 ppm
Cleaning Solvent 790	133-248F (56-140C)	100	6.8 (0.82)	10F (-12C)	1.0	1B	1.25 ppm
Anti-static Degreaser	233-385F (112-196C)	98.8	6.5 (0.78)	82F (28C)	1.0	1C	15.0 ppm
Lacquer Thinner 1020	147-232F (64-111C)	100	7.1 (0.84)	21C (-6C)	1.1	1B	6.7 ppm

LD₅₀ Oral - rat mg/m³, LD₅₀ Dermal - rabbit mg/m³, LC₅₀ Inhalation - rat mg/m³ unless otherwise specified.

Chemicals marked with (SARA313) are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA); see Section IX - Regulatory Information. Chemicals marked with (P65) are regulated in California by Proposition 65; see Section IX - Regulatory Information.

Section III - Physical Data

Evaporation Rate: Slower than ether
Vapor Density: Heavier than air
Boiling Range: See Section II
Weight per Gallon: See Section II
Percent Volatile by Volume: See Section II
Physical state: Liquid
Odor and Appearance: organic odor, clear liquid
Odor Threshold (ppm): See Section II
Vapor Pressure: See Technical Table
Freezing point, Coefficient of water/oil distribution, pH: Not applicable or not available

Section IV - Fire or Explosion Hazard

Flash Point (SFCC): See Section II
Lower Explosive Limit: See Section II
NFPA Flammability: See Section II
Extinguishing Media: Foam, carbon dioxide, dry chemicals.
Unusual Fire and Explosion Hazards: Do not use M-600 on fiberglass or plastic due to potential of fire from static. Keep containers tightly closed, isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
Special Fire Fighting Procedures: Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

Section V- Reactivity Data

Stability: Stable under non-emergency conditions.
Incompatibility (materials to avoid): Alkalis, acids, oxidizers, liquid chlorine, oxygen, sodium hypochlorite, calcium hypochlorite.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: High temperatures, flame, sparks.
Hazardous Decomposition Products: Oxides of carbon, toxic fumes, various hydrocarbons, aldehydes.

Section VI - Toxicological Properties

Threshold Limit Value: None established for this product. For further information, see Section II - Hazardous Ingredients
Cancer Risks: No ingredients in these products are known to NTP, IARC, ACGIH or OSHA to be carcinogenic.
Exposure Effects: Acute and Chronic
Inhalation: Nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, chemical pneumonitis, central nervous system depression and even asphyxiation. Delayed lung damage, kidney, liver, and cardiac disorders, red blood cell and leukocyte disorders which may result in anemia.
Skin contact: Extraction of natural oils with resulting dry skin, irritation, redness and dermatitis. Chronic sensitization to skin may occur.

Eye contact: Irritation, redness, pain, blurred vision, sensation of seeing halos around lights.

Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea; kidney damage, blood system damage.

Other Health Effects:

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Aromatic hydrocarbons (xylene, toluene, etc.) have been shown in animal studies to cause adverse effects on blood and blood forming tissues and may in rare cases sensitize the heart causing cardiac arrhythmia.

Butyl acetate may be very toxic. A 4 hour LC₅₀ of 160 ppm in male and female rats has been reported by 3M (unreviewed). Overexposure to butanol combined with high noise levels may cause hearing damage.

Overexposure to methanol may lead to loss of sight; it is readily absorbed through the skin.

Overexposure to isopropanol may cause skin sensitization.

Section VII - Preventive Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Remove all sources of ignition. Avoid breathing vapors, ventilate confined area. Dike to reduce extent of spill. Remove with inert absorbent using non-sparking tools. If necessary report to applicable government agency.

Waste Disposal Method: Dispose of in accordance with federal, state or provincial and local pollution requirements. In addition, rags, spray booth filters, paint suits, empty cans, etc., contaminated with product may be hazardous waste. Determine whether contaminated items are hazardous and dispose of as appropriate.

Respiratory Protection: Adequate ventilation is required. In confined areas use NIOSH/MSHA approved air supplied respirator. If monitoring demonstrates levels below TLV or PEL wear a NIOSH/MSHA approved respirator device. In cases where no monitoring for airborne contaminants has been carried out, assume maximum exposure and use paint suit, goggles, gloves, and air supplied respiratory equipment. See safety equipment supplier for evaluation and recommendation.

Ventilation: Provide sufficient ventilation to keep vapor concentration below the given TLV and/or PEL.

Protective Gloves: Required for prolonged or repeated contact. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety goggles designed to protect against splash of liquids when spraying or when working with open liquids such as during mixing or pouring.

Other Protective Equipment: Eye bath and shower should be available. Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent contact. Liquid may penetrate shoes and leather causing delayed irritation.

Hygienic Practices: Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

Precautions To Be Taken In Handling And Storing: Store containers out of sun and away from heat, sparks, and open flames. Close all containers after each use. Consult NFPA and local codes for additional storage requirements.

Other Precautions: Do not use M-600 on fiberglass or plastic due to potential of fire from static. Do not take internally. Use

approved bonding and grounding procedures. Observe label precautions. Keep closures tight and container upright to prevent leakage. Never use pressure to empty container; drum is not a pressure vessel. Do not weld or flame cut on empty drum.

Section VIII - First Aid Measures

Emergency and First Aid Procedures:

Inhalation - move to fresh air, give artificial respiration if necessary.

Skin contact - wash with soap and water, not solvent;

Eye contact - flush with water for at least 15 minutes, consult a physician;

Ingestion - drink one or two glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically

Medical Conditions Prone to Aggravation: Pulmonary conditions, skin disorders.

Section IX - Regulatory Information

OSHA: These products are considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS: B2;D2B

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311 / 312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Toxic Chemicals: xylene, ethylbenzene, acetone, toluene, methyl alcohol, methyl isobutyl ketone and n-butyl alcohol. You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202

RCRA: When discarded in its supplied form, these products meets the hazard criteria of "ignitability" and must be considered as hazardous waste D001. In addition, it may meet the criteria of F003 and F005 listed solvents.

TSCA status: All ingredients are TSCA registered.

CEPA status: All ingredients are listed on the DSL or NDSL.

Proposition 65: Sikkens Cleaning Solvent and Lacquer Thinner 1020 contain toluene. WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Transportation:

Ground Shipments:

Proper Shipping Name: Paint Related Material

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: II (Anti-Static Degreaser III)

Hazard Label: Flammable Liquid

IMO / IMDG (Ocean) Shipments:

Proper Shipping Name: Paint

Hazard Class or Division: 3.2 (Anti-Static Degreaser 3.3)

UN Identification Number: UN1263

Packaging Group: II (Anti-Static Degreaser III)

Hazard Label: Flammable Liquid

IMDG page (English translation): 3268

(Antistatic Degreaser 3372)

ICAO / IATA (Aircraft) Shipments:

Proper Shipping Name: Paint

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: III (Anti-Static Degreaser II)

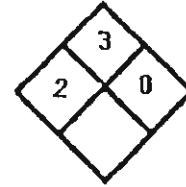
Hazard Label: Flammable Liquid

Packaging Instructions Passenger Aircraft (IATA English translation): 305 or Y305 (Anti-Static Degreaser 309 or Y309)

Packaging Instructions Cargo Aircraft (IATA English translation): 307 (Anti-Static Degreaser 310)

Special Provisions: A3, A7, A72

NFPA 704



Section X - Preparation Information

Prepared by Akzo Nobel Coatings Car Refinish Manufacturing Operations Department.

Phone: 404-441-8628

Reference sources used in addition to raw material supplier MSDS information:

American Conference of Governmental Industrial Hygienists, 1993-1994 *Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices*, ACGIH, Cincinnati, OH 1993.

Lewis, Richard J. Sr., *Hazardous Chemicals Desk Reference*, Third Edition, Van Nostrand Reinhold, New York, 1993.

U.S. Department of Health and Human Services, Centers for Disease Control, *NIOSH Pocket Guide to Chemical Hazards*, NIOSH, Cincinnati, OH, 1990.

DO NOT HANDLE UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. REGULATIONS REQUIRE THAT ALL EMPLOYEES BE TRAINED ON MATERIAL SAFETY DATA SHEETS FOR ALL PRODUCTS WITH WHICH THEY COME IN CONTACT.

While Akzo Nobel Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Nobel Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

Date of Preparation: November, 1994

Section I - Product Information

Manufacturer: Akzo Nobel Coatings Inc. Canadian Supplier: Akzo Nobel Coatings Ltd.
 5555 Spalding Drive 110 Woodbine Downs Blvd.
 Norcross, GA 30092 Unit #4 Etobicoke, Ontario
 USA Canada M9W 5S6

Emergency Telephone: For US transportation emergencies call - Chemtrec: 800-424-9300
 For Canadian transportation emergencies call - Canutec: 613-996-6666
 For poison information call - Poisindex 303-832-3332

Product Class: Body fillers and hardeners

Product Codes (item numbers US-Canadian):

Polysurfacer & Hardener (002006 & 004008 - 1019101)

Polymetal (NA - 1034733)

Polystop LP & Hardener (NA - 1034333)

Polystop LP (003000 - 1034332)

Kombi Putty (003005 - 1034635)

Polysoft (003012 - 1034831)

Polykit (003009 - 1034432)

Polyfiber (NA - 1034532)

Polykit AS (003020 - 1033833)

Section II - Hazardous Ingredients

Hazardous Ingredient	% by weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
Polysurfacer contains:									
Styrene(SARA313)	21.6%	100-42-5	4.5	50ppm	50ppm	5000	n. av.	n. av.	1.1
Talc	10-20%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Barium Sulfate	5-10%	7727-43-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Formaldehyde(SARA313)(P35)	<0.02%	50-00-0	9.5	0.3mg/m ³	0.75mg/m ³	800	270	590	1.1
Ethyl Acetate	1-5%	141-78-8	72.8	400ppm	400ppm	11300	n. av.	1600	2.2
Toluene(SARA313)(P65)	1.9%	108-88-3	22.0	50ppm	100ppm	5000	14000	4000	1.2
Titanium Dioxide	1-5%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Xylene(SARA313)	1-5%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Calcium Carbonate	5-10%	471-34-1	n. ap.	10mg/m ³	15mg/m ³	n. av.	n. av.	n. av.	n.ap
Polykit AS contains:									
Calcium Carbonate	5-10%	471-34-1	n. ap.	10mg/m ³	15mg/m ³	n. av.	n. av.	n. av.	n.ap
Lithopone(SARA313)	4.8%	1345-05-7	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Styrene(SARA313)	11.7%	100-42-5	4.5	50ppm	50ppm	5000	n. av.	n. av.	1.1
Titanium Dioxide	1-5%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Talc	20-40%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Polystop LP contains:									
Lithopone(SARA313)	15.6%	1345-05-7	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Organophilic Clay	1-5%	68953-58-2	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Amorphous Silica	1-5%	112926-00-8	n. ap.	10mg/m ³	6mg/m ³	3160	n. av.	n. av.	n.ap
Styrene(SARA313)	13.7%	100-42-5	4.5	50ppm	50ppm	5000	n. av.	n. av.	1.1
Titanium Dioxide	1-5%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Talc	20-40%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Polysoft contains:									
Calcium Carbonate	5-10%	471-34-1	n. ap.	10mg/m ³	15mg/m ³	n. av.	n. av.	n. av.	n.ap
Titanium Dioxide	1-5%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Talc	10-20%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Lithopone(SARA313)	5.4%	1345-05-7	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Kaolin	5-10%	1332-58-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Styrene(SARA313)	14.4%	100-42-5	4.5	50ppm	50ppm	5000	n. av.	n. av.	1.1
Polykit contains:									
Calcium Carbonate	5-10%	471-34-1	n. ap.	10mg/m ³	15mg/m ³	n. av.	n. av.	n. av.	n.ap
Lithopone(SARA313)	4.5%	1345-05-7	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Kaolin	1-5%	1332-58-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Styrene(SARA313)	12.6%	100-42-5	4.5	50ppm	50ppm	5000	n. av.	n. av.	1.1
Titanium Dioxide	1-5%	13463-67-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Talc	20-40%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap
Polyfiber contains:									
Amorphous Silica	1-5%	112926-00-8	n. ap.	10mg/m ³	6mg/m ³	3160	n. av.	n. av.	n.ap
Barium Sulfate	10-20%	7727-43-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n.ap
Styrene(SARA313)	23.7%	100-42-5	4.5	50ppm	50ppm	5000	n. av.	n. av.	1.1
Talc	10-20%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n.ap

Kombi Putty contains:

Barium Sulfate	1-5%	7727-43-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n. ap.
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
N-butyl Alcohol(SARA313)	1.8%	71-36-3	4.4	50ppm	50ppm	790	3400	8000	1.4
2-butoxy Ethyl Acetate(SARA313)	2.3%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8
Calcium Carbonate	5-10%	471-34-1	n. ap.	10mg/m ³	15mg/m ³	n. av.	n. av.	n. av.	n. ap.
Ethyl Alcohol	1-5%	64-17-5	44.0	1000ppm	1000ppm	7060	20000	20000	3.3
Lithopone(SARA313)	16.4%	1345-05-7	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n. ap.
Toluene(SARA313)(P65)	1.3%	108-88-3	22.0	50ppm	100ppm	5000	14000	4000	1.2
Light Petroleum Distillate	1-5%	64742-47-8	2.0	n. av.	500ppm	5000	3160	n. av.	0.6
Ethylbenzene(SARA313)	1.2%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Xylene(SARA313)	7.0%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Talc	10-20%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n. ap.
Texanol	1-5%	26265-77-4	<0.1	n. av.	n. av.	n. av.	n. av.	n. av.	1.0
Zinc Sulfide(SARA313)	2.2%	1314-98-3	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n. ap.

Polymetal contains:

Aluminum (SARA313)	1.4%	7429-90-5	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n. ap.
Amorphous Silica	1-5%	112926-00-8	n. ap.	10mg/m ³	6mg/m ³	3160	n. av.	n. av.	n. ap.
Barium Sulfate	10-20%	7727-43-7	n. ap.	10mg/m ³	10mg/m ³	n. av.	n. av.	n. av.	n. ap.
Styrene(SARA313)	12.0%	100-42-5	4.5	50ppm	50ppm	5000	n. av.	n. av.	1.1
Talc	20-40%	14807-96-6	n. ap.	2mg/m ³	2mg/m ³	n. av.	n. av.	n. av.	n. ap.

The hardeners for bodyfillers contain:

Benzoyl Peroxide(SARA313)	50.0%	94-36-0	n. ap.	5mg/m ³	5mg/m ³	7710	n. av.	n. av.	n. ap.
Dibutyl Phthalate(SARA313)	27.0%	84-74-2	n. ap.	5mg/m ³	5mg/m ³	12000	n. av.	7900	n. ap.

The Polysurfacer Hardener contains:

Cyclohexanone Peroxide	20-40%	12262-58-7	n. ap.	n. av.	n. av.	880	n. av.	n. av.	n. ap.
------------------------	--------	------------	--------	--------	--------	-----	--------	--------	--------

Further Physical Information for Individual Products

Product	Boiling Range	% Volatile Volume	Wt. Per Gal. (Spec. Grav.)	Flash Point (SFCC)	LEL	NFPA Flam.	Odor Threshold
Polysurfacer	168-293F (76-145C)	31.9	13.0 (1.56)	79F (26C)	1.0	1 C	0.052 ppm
Polykit AS	293F (145C)	24.8	15.8 (1.89)	90F (32C)	1.1	1 C	0.052 ppm
Polykit	293F (145C)	30.0	16.0 (1.92)	84F (29C)	1.1	1 C	0.052 ppm
Polysoft	293F (145C)	21.4	11.0 (1.32)	84F (29C)	1.1	1 C	0.052 ppm
Polystop LP	293F (145C)	30.0	16.0 (1.92)	84F (29C)	1.1	1 C	0.052 ppm
Kombi Putty	171-490F (77-254C)	58.3	13.0 (1.56)	61F (16C)	0.6	1 B	0.063 ppm
Polysurfacer Hardener	168-420F (76-216C)	54.0	8.2 (0.98)	23F (-5C)	2.2	1 C	n. av.
Bodyfiller Hardener	212-642F (100-339C)	26.4	9.6 (1.15)	n. ap.	n. ap.	n. ap.	n. av.

LD₅₀ Oral - rat mg/m³, LD₅₀ Dermal - rabbit mg/m³, LC₅₀ Inhalation - rat mg/m³ unless otherwise specified.

Chemicals marked with (SARA313) are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA); see Section IX - Regulatory Information. Chemicals marked with (P65) are regulated in California by Proposition 65; see Section IX - Regulatory Information.

Section III - Physical Data

Evaporation Rate: Slower than ether
 Vapor Density: Heavier than air
 Boiling Range: See Section II
 Weight per gallon: See Section II
 Percent Volatile by Volume: See Section II
 Physical state: paste (Polysurfacer Hardener - liquid)
 Odor and Appearance: organic odor, colored paste (Polysurfacer Hardener - clear liquid)
 Odor Threshold (ppm): See Section II
 Vapor Pressure: See Technical Table
 Freezing point, Coefficient of water/oil distribution, pH: Not applicable or not available

Section IV - Fire or Explosion Hazard

Flash Point (SFCC): See Section II
 NFPA Flammability: See Section II
 Lower Explosive Limit: See Section II
 Extinguishing Media: Foam, carbon dioxide, dry chemicals.
 Unusual Fire and Explosion Hazards: Keep containers tightly closed, isolate from heat, electrical equipment, sparks

and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Special Fire Fighting Procedures: Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

Section V - Reactivity Data

Stability: Stable under non-emergency conditions.
Incompatibility (materials to avoid): Alkalis, acids, oxidizers, alkali metals, halogenated solvents, nitric acid, halogen compounds, water, sodium hydroxide.
Hazardous Polymerization: May occur.
Conditions to Avoid: High temperatures, flame, sparks, high humidity, light, water, moisture
Hazardous Decomposition Products: Oxides of carbon, toxic fumes, various hydrocarbons, aldehydes.

Proposition 65: Kombi putty and Polysurfacer contain toluene.
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Polysurfacer contains formaldehyde. WARNING: This product contains a chemical known to the State of California to cause cancer.

Transportation:

Ground Shipments: Bodyfillers
Proper Shipping Name: Paint Related Material
Hazard Class or Division: 3
UN Identification Number: UN1263
Packaging Group: III (Kombi Putty reclassified as III, because of viscosity as per 49CFR)

Ground Shipments: Polysurfacer Hardener: this product is exempted from model requirements as per DOT-E1119.

Ground Shipments: Bodyfiller Hardeners
Proper Shipping Name: Organic Peroxide type C, solid (dibenzoyl peroxide)

Hazard Class or Division: 5.2
UN Identification Number: UN3104
Packaging Group: Not applicable
Hazard Label: Organic Peroxide

IMO / IMDG (Ocean) Shipments: Bodyfillers
Proper Shipping Name: Paint Related Material
Hazard Class or Division: 3.3 (Kombi Putty 3.2)

UN Identification Number: UN1263
Packaging Group: III (Kombi Putty II)
Hazard Label: Flammable Liquid
IMDG Page (English translation): 3372 (Kombi Putty 3268)
Marine Pollutant: No

IMO / IMDG (Ocean) Shipments: Bodyfiller Hardeners
Proper Shipping Name: Organic Peroxide type C, solid (dibenzoyl peroxide)

Hazard Class or Division: 5.2
UN Identification Number: UN3104
Packaging Group: Not applicable
Hazard Label: Organic Peroxide
IMDG Page (English translation): 5224
Marine Pollutant: No

IMO / IMDG (Ocean) Shipments: Polysurfacer Hardener
Proper Shipping Name: Organic Peroxide type D, liquid (cyclohexanone peroxide)

Hazard Class or Division: 5.2
UN Identification Number: UN3105
Packaging Group: Not applicable
Hazard Label: Organic Peroxide
IMDG Page (English translation): 5225
Marine Pollutant: No

ICAO / IATA (Aircraft) Shipments: Bodyfillers
Proper Shipping Name: Paint Related Material
Hazard Class or Division: 3
UN Identification Number: UN1263
Packaging Group: III (Kombi Putty reclassified as per IATA Dangerous Goods Regulations 3.3.3)

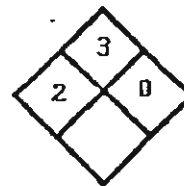
Hazard Label: Flammable Liquid
Packaging Instructions Passenger Aircraft (IATA English translation): 309 or Y309
Packaging Instructions Cargo Aircraft (IATA English translation): 310

Special Provisions: A3, A7, A72
ICAO / IATA (Aircraft) Shipments: Bodyfiller Hardener

Proper Shipping Name: Organic Peroxide type C, solid (dibenzoyl peroxide)
Hazard Class or Division: 5.2
UN Identification Number: UN3104
Packaging Group: Not applicable

Hazard Label: Organic Peroxide
Packaging Instructions Passenger Aircraft (IATA English translation): 510
Packaging Instructions Cargo Aircraft (IATA English translation): 513
Special Provisions: A20
ICAO / IATA (Aircraft) Shipments: Polysurfacer Hardener
Proper Shipping Name: Organic Peroxide type D, liquid (cyclohexanone peroxide)
Hazard Class or Division: 5.2
UN Identification Number: UN3105
Packaging Group: Not applicable
Hazard Label: Organic Peroxide
Packaging Instructions Passenger Aircraft (IATA English translation): 500
Packaging Instructions Cargo Aircraft (IATA English translation): 502
Special Provisions: A20

NFPA 704



Section X - Preparation Information

Prepared by Akzo Nobel Coatings Car Refinish Manufacturing Operations Department.

Phone: 404-441-8628

Reference sources used in addition to raw material supplier MSDS information:

American Conference of Governmental Industrial Hygienists, *1993-1994 Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices*, ACGIH, Cincinnati, OH 1993.

Lewis, Richard J. Sr., *Hazardous Chemicals Desk Reference*, Third Edition, Van Nostrand Reinhold, New York, 1993.

U.S. Department of Health and Human Services, Centers for Disease Control, *NIOSH Pocket Guide to Chemical Hazards*, NIOSH, Cincinnati, OH, 1990.

DO NOT HANDLE UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. REGULATIONS REQUIRE THAT ALL EMPLOYEES BE TRAINED ON MATERIAL SAFETY DATA SHEETS FOR ALL PRODUCTS WITH WHICH THEY COME IN CONTACT.

While Akzo Nobel Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Nobel Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

Threshold Limit Value: None established for this product. For further information, see Section II - Hazardous Ingredients
Cancer Risks: Styrene is listed by IARC as possibly carcinogenic to humans (Group 2B). Ethyl Alcohol has been determined to be carcinogenic by IARC based upon chronic exposure through human consumption via the drinking of alcoholic beverages, over time. Formaldehyde is listed by OSHA as a potential cancer hazard, ACGIH as a suspected human carcinogen (A2), NTP as reasonably anticipated to be a carcinogen and IARC as probably carcinogenic to humans (Group 2A).

Exposure Effects: Acute and Chronic

Inhalation: Nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, chemical pneumonitis, central nervous system depression and even asphyxiation. Delayed lung damage, kidney, liver, and cardiac disorders, red blood cell and leukocyte disorders which may result in anemia.

Skin contact: Extraction of natural oils with resulting dry skin, irritation, redness and dermatitis. Chronic sensitization to skin may occur.

Eye contact: Irritation, redness, pain, blurred vision, sensation of seeing halos around lights.

Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea; kidney damage, blood system damage.

Other Health Effects: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Aromatic hydrocarbons (e.g. toluene and xylene) have been shown in animal studies to cause adverse effects on blood and blood forming tissues and may in rare cases sensitize the heart causing cardiac arrhythmia.

2-Butoxyethyl Acetate has been shown in animal studies to cause adverse effects on blood and blood forming tissues.

Butyl acetate may be very toxic. A 4 hour LC₅₀ of 160 ppm in male and female rats has been reported by 3M (unreviewed).

Overexposure to aluminum may cause pulmonary fibrosis. Overexposure to butanol combined with high noise levels may cause hearing damage.

Prolonged abuse of ethanol may cause permanent liver, blood and cardiovascular damage.

Animal studies have shown that chronic exposure to styrene may cause injury to the lungs, liver and kidneys. Studies in rats and humans have shown that styrene has caused reproductive effects.

Human evidence has indicated that Benzoyl Peroxide can cause skin sensitization.

Section VII - Preventive Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Remove all sources of ignition. Avoid breathing vapors, ventilate confined area. Dike to reduce extent of spill. Remove with inert absorbent using non-sparking tools. If necessary report to applicable government agency.

Waste Disposal Method: Dispose of in accordance with federal, state and local pollution requirements. In addition, rags, spray booth filters, paint suits, empty cans, etc., contaminated with product may be hazardous waste. Determine whether contaminated items are hazardous and dispose of as appropriate.

Respiratory Protection: Adequate ventilation is required. In confined areas use NIOSH/MSHA approved air supplied respirator. If monitoring demonstrates levels below TLV or PEL wear a NIOSH/MSHA approved respirator device. In

cases where no monitoring for airborne contaminants has been carried out, assume maximum exposure and use paint suit, goggles, gloves, and air supplied respiratory equipment. See safety equipment supplier for evaluation and recommendation.

Ventilation: Provide sufficient ventilation to keep vapor concentration below the given TLV and/or PEL. Remove decomposition products formed during welding or flame cutting of surfaces coated with this product.

Protective Gloves: Required for prolonged or repeated contact. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety goggles designed to protect against splash of liquids when spraying or when working with open liquids such as during mixing or pouring.

Other Protective Equipment: Eye bath and shower should be available. Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent contact. Liquid may penetrate shoes and leather causing delayed irritation.

Hygienic Practices: Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

Precautions To Be Taken In Handling And Storing: Store containers out of sun and away from heat, sparks, and open flames. Close all containers after each use. Consult NFPA and local codes for additional storage requirements.

Other Precautions: Do not take internally. Use approved bonding and grounding procedures if warranted. Observe label precautions. Keep closures tight and container upright to prevent leakage. Avoid breathing sanding dust.

Section VIII - First Aid Measures

Emergency and First Aid Procedures:

Inhalation - move to fresh air, give artificial respiration if necessary; skin contact - wash with soap and water, not solvent.

Eye contact - flush with water for at least 15 minutes, consult a physician.

Ingestion - drink one or two glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically.

Medical Conditions Prone to Aggravation: Pulmonary conditions, skin disorders.

Section IX - Regulatory Information:

OSHA: These products are considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS: B2;D2A (Kombi Putty, Polysurfacer hardener and bodyfiller hardener B2;D2B).

SARA Title III:

Section 302 Extremely Hazardous Substances: None
Section 311 / 312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Toxic Chemicals: xylene, n-butanol, styrene, toluene, lithopone, 2-butoxy ethyl acetate, ethylbenzene, aluminum, benzoyl peroxide, dibutyl phthalate and formaldehyde. You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202
RCRA: When discarded in its supplied form, this product meets the hazard criteria of "ignitability" and must be considered as hazardous waste D001.

TSCA status: All ingredients are TSCA registered.

CEPA status: All ingredients are listed on the DSL or NDSL.

MATERIAL SAFETY DATA SHEET

Autocryl Hardeners

47

Date of Preparation: November, 1994

Section I - Product Information

Manufacturer:	Akzo Nobel Coatings Inc. 5555 Spalding Drive Norcross, GA 30092 USA	Canadian Supplier:	Akzo Nobel Coatings Ltd. 110 Woodbine Downs Blvd. Unit #4 Etobicoke, Ontario Canada M9W 5S6
----------------------	--	---------------------------	--

Emergency Telephone:	For US transportation emergencies call - Chemtrec: 800-424-9300	For Canadian transportation emergencies call - Canutec: 613-996-6666	For poison information call - Poisindex: 303-832-3332
-----------------------------	---	--	---

Product Class: Isocyanate Hardeners

Product Codes (item numbers US-Canadian):
 Autocryl 1.2.3 Hardener 004050/004052 - 1035850/1035851
 Autocryl MS Fast Hardener 004035/004036 - 1063750/1063751
 Autocryl MS Standard Hardener 004033/004034 - 1063650/1063651
 Autocryl MS Slow Hardener 004037/004038 - 1034950/1034951
 Autocryl MS Extra Slow Hardener 004043/004044 - NA
 Autocryl XT Hardener 004066/004068 - 1035350/1035351
 Autocryl Hardener MS 10
 Autocryl Hardener MS 20 004081/004084 - 1065503/1065506
 Autocryl Hardener MS 30 004097/004086 - 1065603/1065604
 Autocryl Hardener MS 40 004088/004089 - 1065703/1065704
 Autocryl Hardener MS 50 004092/004093 - 1065505/1065507
 Autocryl 3+1 Filler Hardener 004040/004042 - 1035050/1035051

Section II - Hazardous Ingredients

Hazardous Ingredient	% by weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD ₅₀ Oral	LD ₅₀ Derm	LC ₅₀ Inhal.	LEL
1.2.3 Hardener contains:									
Xylene(SARA313)	19.1%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Propylene Glycol Methyl Ether Acetate	5-10%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
N-butyl Acetate	20-40%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
Ethylbenzene(SARA313)	4.2%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
HexamethyleneDiisocyanate Mono.(SARA313)	0.6%	822-06-6	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
3+1 Filler Hardener contains:									
N-butyl Acetate	40-70%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
2-butoxy Ethyl Acetate(SARA313)	1.0%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8
HexamethyleneDiisocyanate Mono.(SARA313)	0.28%	822-06-6	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Polyhexamethylene Diisocyanate	5-10%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
Propylene Glycol Methyl Ether Acetate	1-5%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Polyisocyanate Resin	20-40%	000	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap
Toluene Diisocyanate Monomers(SARA313) (P65)	0.18%	26471-62-5	n. ap.	.005mg/m ³	.01mg/m ³	5800	10000	66	n.ap
Xylene(SARA313)	1.1%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
XT Hardener contains:									
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanate Mono.(SARA313)	0.32%	822-06-6	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Ethyl Acetate	40-70%	141-78-6	72.8	400ppm	400ppm	11300	n. av.	1600	2.2
Ethylbenzene(SARA313)	1.0%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Xylene(SARA313)	4.6%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
MS Fast contains:									
Aromatic Naphtha 100	1-5%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
N-butyl Acetate	1-5%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Ethyl Acetate	20-40%	141-78-6	72.8	400ppm	400ppm	11300	n. av.	1600	2.2
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanate Mono.(SARA313)	0.08%	822-06-6	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Ethylbenzene(SARA313)	3.2%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Xylene(SARA313)	14.3%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5

MS Standard contains:

Aromatic Naphtha 100	1-5%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
N-butyl Acetate	20-40%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Ethyl-3-Ethoxypropionate	5-10%	763-69-9	1.1	n. av.	n. av.	5000	18880	1000	n.ap
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanateMono.(SARA313)	0.08%	822-06-8	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Tetrahydronaphthalene	1-5%	119-64-2	0.3	10mg/m ³	n. av.	2860	17000	n. av.	0.8
Ethylbenzene(SARA313)	3.2%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Xylene(SARA313)	14.8%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5

MS Slow contains:

Aromatic Naphtha 100	5-10%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
2-butoxy Ethyl Acetate(SARA313)	20.0%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanateMono.(SARA313)	0.08%	822-06-8	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Propylene Glycol Methyl Ether Acetate	1-5%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Ethylbenzene(SARA313)	3.6%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Xylene(SARA313)	16.4%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5

MS Extra Slow contains:

Aromatic Petroleum 150	1-5%	64742-94-5	1.0	50ppm	500ppm	n. av.	n. av.	n. av.	1.0
Aromatic Naphtha 100	1-5%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
2-butoxy Ethyl Acetate(SARA313)	13.3%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Polyhexamethylene Diisocyanate	40-70%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanateMono.(SARA313)	0.09%	822-06-8	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Propylene Glycol Methyl Ether Acetate	20-40%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5

MS10 contains:

Aromatic Naphtha 100	1-5%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
N-butyl Acetate	1-5%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanateMono.(SARA313)	0.06%	822-06-8	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
EthyleneGlycolMonobutylEther(SARA313)	2.1%	111-76-2	0.6	25ppm	25ppm	1480	490	700	1.1
Toluene(SARA313)(P65)	56.1%	108-88-3	22.0	50ppm	100ppm	5000	14000	4000	1.2

MS 20 contains:

N-butyl Acetate	20-40%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanateMono.(SARA313)	0.19%	822-06-8	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Ethylbenzene(SARA313)	3.6%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Xylene(SARA313)	16.2%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Ethyl-3-Ethoxypropionate	5-10%	763-69-9	1.1	n. av.	n. av.	5000	18880	1000	n.ap
Tetrahydronaphthalene	1-5%	119-64-2	0.3	10mg/m ³	n. av.	2860	17000	n. av.	0.8
Isophorone Diisocyanate Monomer(SARA313)	0.07%	4098-71-9	n. ap.	.045mg/m ³	.02mg/m ³	n. av.	n. av.	n. av.	n.ap
Polyisocyanate Resin	5-10%	000	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap

MS 30 contains:

Aromatic Petroleum 150	5-10%	64742-94-5	1.0	50ppm	500ppm	n. av.	n. av.	n. av.	1.0
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
2-butoxy Ethyl Acetate(SARA313)	18.7%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanateMono.(SARA313)	0.06%	822-06-8	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Ethylbenzene(SARA313)	3.3%	100-41-4	10.0	100ppm	100ppm	3500	5000	4000	1.0
Propylene Glycol Methyl Ether Acetate	1-5%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Xylene(SARA313)	15.3%	1330-20-7	9.5	100ppm	100ppm	4300	14100	5000	1.5
Isophorone Diisocyanate Monomer(SARA313)	0.07%	4098-71-9	n. ap.	.045mg/m ³	.02mg/m ³	n. av.	n. av.	n. av.	n.ap
Polyisocyanate Resin	10-20%	000	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap

MS 40 contains:

Aromatic Naphtha 100	1-5%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
Aromatic Petroleum 150	1-5%	64742-94-5	1.0	50ppm	500ppm	n. av.	n. av.	n. av.	1.0
N-butyl Acetate	20-40%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
2-butoxy Ethyl Acetate(SARA313)	13.3%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8
Polyhexamethylene Diisocyanate	20-40%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
HexamethyleneDiisocyanateMono.(SARA313)	0.06%	822-06-8	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Propylene Glycol Methyl Ether Acetate	20-40%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5
Isophorone Diisocyanate Monomer(SARA313)	0.07%	4098-71-9	n. ap.	.045mg/m ³	.02mg/m ³	n. av.	n. av.	n. av.	n.ap
Polyisocyanate Resin	5-10%	000	n. ap.	n. av.	n. av.	n. av.	n. av.	n. av.	n.ap

MS 50 contains:

Aromatic Petroleum 150	1-5%	64742-94-5	1.0	50ppm	500ppm	n. av.	n. av.	n. av.	1.0
Aromatic Naphtha 100	1-5%	64742-95-6	3.0	50ppm	500ppm	4700	n. av.	3670	0.9
2-butoxy Ethyl Acetate (SARA313)	13.3%	112-07-2	0.5	n. av.	n. av.	2400	1500	n. av.	0.8
N-butyl Acetate	10-20%	123-86-4	8.0	150ppm	150ppm	14000	n. av.	2000	1.7
Polyhexamethylene Diisocyanate	40-70%	28182-81-2	n. ap.	0.5mg/m ³	n. av.	n. av.	n. av.	n. av.	n.ap
Hexamethylene Diisocyanate Mono (SARA313)	0.09%	822-06-6	n. ap.	.005mg/m ³	n. av.	710	570	n. av.	n.ap
Propylene Glycol Methyl Ether Acetate	20-40%	108-65-6	3.8	n. av.	n. av.	8532	5000	n. av.	1.5

Further Information for Individual Products

Product	Boiling Range	% Volatile Volume	Wt. per Gal. (Spec. Grav.)	Flash Point	LEL	NFPA Flam.	Odor Threshold
Autocryl 1,2,3 Hardener	168-420F (76-216C)	68.1	8.1 (0.97)	81F (27C)	1.0	1 C	0.0063 ppm
Autocryl MS Fast Hardener	168-344F (76-173C)	67.9	8.2 (0.98)	34F (-1C)	0.9	1 B	0.0063 ppm
Autocryl MS Standard Hardener	260-550F (127-288C)	67.8	8.2 (0.98)	85F (29C)	0.8	1 C	0.0063 ppm
Autocryl MS Slow Hardener	133-550F (56-288C)	67.7	7.7 (0.92)	70F (21C)	0.8	1 B	0.0063 ppm
Autocryl MS Extra Slow Hardener	260-380F (127-193C)	64.6	8.4 (1.01)	79F (26C)	0.8	1 C	0.0063 ppm
Autocryl XT Hardener	168-295F (76-146C)	71.0	8.1 (0.97)	28F (-2C)	1.0	1 B	6.4 ppm
Autocryl 3+1 Filler Hardener	260-367F (127-186C)	79.7	8.1 (0.97)	82F (28C)	0.8	1 C	0.0063 ppm
Autocryl Hardener MS:0	232-343F (111-173C)	69.0	8.2 (0.98)	40F (4C)	1.2	1 B	0.0063 ppm
Autocryl Hardener MS:20	260-284F (127-140C)	68.3	8.0 (0.96)	78F (26C)	1.0	1 C	0.0063 ppm
Autocryl Hardener MS:30	260-550F (127-288C)	67.6	8.2 (0.98)	78F (26C)	1.0	1 C	0.0063 ppm
Autocryl Hardener MS:40	260-550F (127-288C)	67.9	8.2 (0.98)	78F (26C)	1.0	1 C	0.0063 ppm
Autocryl Hardener MS:50	260-380F (127-193C)	64.6	8.4 (1.01)	79F (26C)	0.8	1 C	0.0063 ppm

LD₅₀ Oral - rat mg/m³; LD₅₀ Dermal - rabbit mg/m³; LC₅₀ Inhalation - rat mg/m³ unless otherwise specified.

Chemicals marked with (SARA313) are subject to the requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA); see Section IX - Regulatory Information. Chemicals marked with (P65) are regulated in California by Proposition 65; see Section IX - Regulatory Information.

Section III - Physical Data

Evaporation Rate: Slower than ether
 Vapor Density: Heavier than air
 Weight per Gallon: See Section II
 Boiling Range: See Section II
 Percent Volatile by Volume: See Section II
 Physical state: Liquid
 Odor and Appearance: organic odor, clear liquid
 Odor Threshold (ppm): See Section II
 Vapor Pressure: See Technical Table
 Freezing point, Coefficient of water/oil distribution, pH: Not applicable or not available

Section IV - Fire or Explosion Hazard

Flash Point (SFCC): See Section II
 Lower Explosive Limit: See Section II
 NFPA Flammability: See Section II
 Extinguishing Media: Foam, carbon dioxide, dry chemicals.
 Unusual Fire and Explosion Hazards: Keep containers tightly closed, isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
 Special Fire Fighting Procedures: Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

Section V - Reactivity Data

Stability: Stable under non-emergency conditions.
 Incompatibility (materials to avoid): Alkalis, oxidizers, alkali metals, water, amines, nitric acid, sodium hypochlorite, metal compounds.

Hazardous Polymerization: May occur.
 Conditions to Avoid: Open flame, heat, sparks, moisture.
 Hazardous Decomposition Products: Oxides of carbon and nitrogen, various hydrocarbons, hydrogen cyanide, hexamethylene diisocyanate (HDI).

Section VI - Toxicological Properties

Threshold Limit Value: None established for this product. For further information, see Section II - Hazardous Ingredients
 Cancer Risks: Toluene Diisocyanate is listed by NTP as reasonably anticipated to be a carcinogen and by IARC as possibly carcinogenic to humans (Group 2B).
 Exposure Effects: Acute and Chronic
 Inhalation: Nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, chemical pneumonitis, central nervous system depression and even asphyxiation. Delayed lung damage, kidney, liver, and cardiac disorders, red blood cell and leukocyte disorders which may result in anemia.
 Skin contact: Extraction of natural oils with resulting dry skin, irritation, redness and dermatitis. Chronic sensitization to skin may occur.
 Eye contact: Irritation, redness, pain, blurred vision, sensation of seeing halos around lights.
 Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea; kidney damage, blood system damage.
 Other Health Effects: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Aromatic hydrocarbons have been shown in animal studies to cause adverse effects on blood and blood forming tissues and may in rare cases sensitize the heart causing cardiac arrhythmia.

50

2-Butoxyethyl Acetate has been shown in animal studies to cause adverse effects on blood and blood forming tissues.

Butyl acetate may be very toxic. A LC_{50} of 160 ppm in male and female rats has been reported by 3M (unreviewed). Ethylene Glycol Monobutyl Ether can be absorbed through the skin. Data from animal studies has shown that it may cause blood cell damage.

Overexposure to isocyanates may cause skin and respiratory system sensitization causing bronchitis, bronchial spasms, pulmonary edema and asthmatic conditions.

Section VII - Preventive Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Remove all sources of ignition. Avoid breathing vapors, ventilate confined area. Dike to reduce extent of spill. Remove with inert absorbent using non-sparking tools. If necessary report to applicable government agency.

Waste Disposal Method: Dispose of in accordance with federal, state or provincial and local pollution requirements. In addition, rags, spray booth filters, paint suits, empty cans, etc., contaminated with product may be hazardous waste.

Determine whether contaminated items are hazardous and dispose of as appropriate.

Respiratory Protection: Adequate ventilation is required. This product contains isocyanates. Use a positive pressure air supply respirator. See safety equipment supplier for evaluation and recommendation. In cases where no monitoring for airborne contaminants has been carried out, assume maximum exposure and use paint suit, goggles, gloves, and air supplied respiratory equipment.

Ventilation: Provide sufficient ventilation to keep vapor concentration below the given TLV and/or PEL. For baking finishes, exhaust vapors emitted during heating. Remove decomposition products formed during welding or flame cutting of surfaces coated with this product.

Protective Gloves: Required for prolonged or repeated contact. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety goggles designed to protect against splash of liquids when spraying or when working with open liquids such as during mixing or pouring.

Other Protective Equipment: Eye bath and shower should be available. Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent contact. Liquid may penetrate shoes and leather causing delayed irritation.

Hygienic Practices: Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

Precautions To Be Taken In Handling And Storing: Store containers out of sun and away from heat, sparks, and open flames. Close all containers after each use. Consult NFPA and local codes for additional storage requirements.

Other Precautions: Use approved bonding and grounding procedures. Observe label precautions. Keep closures tight and container upright to prevent leakage. Never use pressure to empty container; drum is not a pressure vessel. Avoid breathing sanding dust. Do not weld or flame cut on empty drum.

Section VIII - First Aid Measures

Emergency and First Aid Procedures:

Inhalation - move to fresh air, give artificial respiration if necessary.

Skin contact - wash with soap and water, not solvent.

Eye contact - flush with water for at least 15 minutes, consult a physician.

Ingestion - drink one or two glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically.

Medical Conditions Prone to Aggravation: Isocyanate sensitization, skin disorders.

Section IX - Regulatory Information:

OSHA: These products are considered hazardous under the Federal OSHA Hazard Communication Standard.

WHMIS: B2;D2A

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311 / 312 Hazard Categories: Immediate health, delayed health, fire hazard.

Section 313 Toxic Chemicals: xylene, ethylbenzene, toluene, 2-butoxy ethyl acetate, hexamethylene diisocyanate monomer, isophorone diisocyanate monomer, toluene diisocyanate monomer and ethylene glycol monobutyl ether. You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department. Also, you may be affected by other sections of this law, depending on the chemicals and amounts that you inventory at your location. To learn more about your responsibilities, call the EPA Hotline (800) 535-0202

RCRA: When discarded in its supplied form, these products meet the hazard criteria of "Ignitability" and must be considered as hazardous waste D001.

TSCA status: All ingredients are TSCA registered.

CEPA status: All ingredients are listed on the DSL or NDSL.

Proposition 65: MS10 contains toluene. **WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 3+1 Filler

Hardener contains toluene diisocyanate. **WARNING:** This product contains a chemical known to the State of California to cause cancer.

Transportation:

Ground Shipments:

Proper Shipping Name: Paint Related Material

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: III

Hazard Label: Flammable Liquid

IMO / IMDG (Ocean) Shipments:

Proper Shipping Name: Paint Related Material

Hazard Class or Division: 3.3

UN Identification Number: UN1263

Packaging Group: III

Hazard Label: Flammable Liquid

IMDG Page (English translation): 3372

Marine Pollutant: No

ICAO / IATA (Aircraft) Shipments:

Proper Shipping Name: Paint Related Material

Hazard Class or Division: 3

UN Identification Number: UN1263

Packaging Group: III

Hazard Label: Flammable Liquid

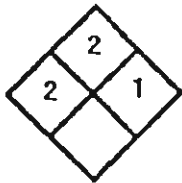
Packaging Instructions Passenger Aircraft (IATA English translation): 309 or Y309

Packaging Instructions Cargo Aircraft (IATA English translation): 310

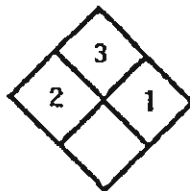
Special Provisions: A3, A7, A72

Autocryl 1.2.3 Hardener
 Autocryl MS Standard Hardener
 Autocryl MS Extra Slow Hardener
 Autocryl 3+1 Filler Hardener
 Autocryl Hardener MS20 Autocryl MS Fast Hardener
 Autocryl Hardener MS30 Autocryl XT Hardener
 Autocryl Hardener MS40 Autocryl Hardener MS10
 Autocryl Hardener MS50 Autocryl MS Slow Hardener

NFPA 704



NFPA 704



Section X - Preparation Information

Prepared by Akzo Nobel Coatings Car Refinish Manufacturing Operations Department.

Phone: 404-441-8626

Reference sources used in addition to raw material supplier MSDS information:

American Conference of Governmental Industrial Hygienists, *1993-1994 Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices*, ACGIH, Cincinnati, OH 1993.

Lewis, Richard J. Sr., *Hazardous Chemicals Desk Reference*, Third Edition, Van Nostrand Reinhold, New York, 1993.

U.S. Department of Health and Human Services, Centers for Disease Control, *NIOSH Pocket Guide to Chemical Hazards*, NIOSH, Cincinnati, OH, 1990.

DO NOT HANDLE UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. REGULATIONS REQUIRE THAT ALL EMPLOYEES BE TRAINED ON MATERIAL SAFETY DATA SHEETS FOR ALL PRODUCTS WITH WHICH THEY COME IN CONTACT.

While Akzo Nobel Coatings Inc. believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Akzo Nobel Coatings Inc. assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.