MATERIAL SAFETY DATA SHEET

HMIS H3 F3 R0

Date Prepared: 06/09/93
Date Revised: 07/16/91

PREPARED FOR:
39124100 SAUDER MANUFACTURING
39254100 STRYKER PLANT
200 HORTON ST
STRYKER OH 43557

PREPARED BY:
AKZO COATINGS INC. (ROANOKE)
2837 ROANOKE AVENUE, S. W.
ROANOKE VA 24015

Emergency Phone Number: (703)982-8301
Information Number: (703)982-8301

SECTION I - PRODUCT INFORMATION

Tradename: NA
Product No. 830-70L1-1357
Customer Part No. /A

Product - Class: W. W. REL-PLAZ
DOT Code: UN1263

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients</th>
<th>Ingredient Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOBUTANOL (ISOBUTYL ALCOHOL)</td>
<td>% by Weight 22.9 %</td>
</tr>
<tr>
<td>(2-METHYL-1-PROPANOL)</td>
<td>Cas No. 000078-83-1</td>
</tr>
<tr>
<td></td>
<td>Vapor Pres. 9.0@ 68F mm/Hg</td>
</tr>
<tr>
<td></td>
<td>TLV-TWA 50.0 ppm</td>
</tr>
<tr>
<td></td>
<td>PEL-TWA 50.0 ppm</td>
</tr>
<tr>
<td></td>
<td>ORAL-LD50 2460. mg/Kg RAT</td>
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<tr>
<td></td>
<td>DERM-LD50 4240. mg/Kg RABBIT</td>
</tr>
</tbody>
</table>

| UREA-FORMALDEHYDE RESIN        | % by Weight 8.7 %                                   |
|                               | Cas No. - -                                        |
|                               | Vapor Pres. NA                                     |
|                               | TLV-TWA NA                                         |
|                               | PEL-TWA NA                                         |

| MIXED HYDROCARBON             | % by Weight 8.0 %                                   |
|                               | Cas No. 064742-48-9                                 |
|                               | Vapor Pres. 11.0@ 68F mm/Hg                         |
|                               | TLV-TWA 100.0 ppm                                   |
|                               | PEL-TWA 100.0 ppm                                   |

<p>| #TOLUENE (TOLUOL) (METHYL BENZENE) | % by Weight 7.9 %                                   |
|                                   | Cas No. 000108-88-3                                 |
|                                   | Vapor Pres. 22.0@ 68F mm/Hg                         |
|                                   | TLV-TWA 50.0 ppm*                                   |
|                                   | PEL-TWA 100.0 ppm                                   |
|                                   | PEL-STEEL 150.0 ppm 15 MINUTES                      |
|                                   | ORAL-LD50 5000. mg/Kg RAT                            |
|                                   | DERM-LD50 14000. mg/Kg RABBIT                       |</p>
<table>
<thead>
<tr>
<th>Compound</th>
<th>% by Weight</th>
<th>Cas No.</th>
<th>Vapor Press.</th>
<th>TLV-TWA</th>
<th>PEL-TWA</th>
<th>TLV-STEL</th>
<th>PEL-STEL</th>
<th>ORAL-LD50</th>
<th>Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aliphatic Solvent</strong></td>
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<tr>
<td></td>
<td>6.7 %</td>
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<tr>
<td><strong>Methylated M/F Resin</strong></td>
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<tr>
<td></td>
<td>5.7 %</td>
<td>068002-20-0</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Butyl Acetate</strong> (Acetic Acid, Butyl Ester) (Butyl Ethanoate)</td>
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<tr>
<td></td>
<td>5.0 %</td>
<td>000123-86-4</td>
<td>8.0 @ 68F mm/Hg</td>
<td>150.0 ppm</td>
<td>150.0 ppm</td>
<td>200.0 ppm</td>
<td>200.0 ppm</td>
<td>14000 mg/Kg RAT</td>
<td>2000 ppm RAT-4 HOUR</td>
</tr>
<tr>
<td><strong>Xylene, Mixed Isomers</strong></td>
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<tr>
<td></td>
<td>3.7 %</td>
<td>001330-20-7</td>
<td>5.1 @ 68F mm/Hg</td>
<td>100.0 ppm</td>
<td>100.0 ppm</td>
<td>150.0 ppm</td>
<td>150.0 ppm</td>
<td>4300 mg/Kg RAT</td>
<td>5000 ppm RAT-4 HOUR</td>
</tr>
<tr>
<td><strong>Methyl Ethyl Ketone</strong> (MEK) (2-Butanone)</td>
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<td></td>
<td>3.5 %</td>
<td>000078-93-3</td>
<td>83.0 @ 75F mm/Hg</td>
<td>200.0 ppm</td>
<td>200.0 ppm</td>
<td>300.0 ppm</td>
<td>300.0 ppm</td>
<td>2737 mg/Kg RAT</td>
<td>13000 mg/Kg RABBIT</td>
</tr>
<tr>
<td><strong>Butanol</strong> (Butyl Alcohol)</td>
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<tr>
<td></td>
<td>3.0 %</td>
<td>000071-36-3</td>
<td>5.5 @ 68F mm/Hg</td>
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<tr>
<td><strong>Free Formaldehyde, Maximum</strong></td>
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<td></td>
<td>0.3 %</td>
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</tbody>
</table>
This material is subject to reporting under SARA TITLE III, SECTION 313. All components in this coating have been verified as being on the TSCA Inventory.

- TOXIC EFFECTS CAN OCCUR BY SKIN ABSORPTION.

SECTION III - PHYSICAL DATA

Physical state: LIQUID
Odor and appearance: NA
Odor threshold (ppm): .0063
pH: NA

Boiling Range: 173 - 300 F (78 - 148 C)

Vapor is heavier than air.

Evaporation rate is slower than ether.
% Volatile (vol) 70.71
Lb/gal(U.S.) 7.71
SpGr: .92

VOC Data Lb/Gal(U.S.):
Less Water (EPA) 4.78 Total Organic Solvents 4.78
Less Water & Exempt (EPA) 4.78 Total Non-Exempt Solvents 4.78
Solvent Density 6.7600

SECTION IV - FIRE AND EXPLOSION HAZARDS DATA

FP: (CLOSED) 21 F (-6 C) LEL .90%
Flammability Class (OSHA): FLAMMABLE LIQUID - 1B

EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI - Reactivity Data) may cause a health hazard, symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect firefighters from exposure to coating's hazardous ingredients and hazardous decomposition products.
SECTION V - HEALTH HAZARD DATA AND FIRST AID PROCEDURES

EFFECTS OF OVEREXPOSURE: CAUSES EYE BURNS. HARMFUL IF SWALLOWED. MAY CAUSE NOSE AND THROAT IRRITATION. CAN BE ABSORBED THROUGH SKIN. CAUSES SKIN BURNS. MAY CAUSE LUNG INJURY. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM, CAUSING DIZZINESS, HEADACHE OR NAUSEA. HARMFUL IF INHALED.

Other effects of OVEREXPOSURE may include: dizziness, narcosis, headache, pneumoconiosis, drying of nasal mucosa, anesthesia, fatigue, vomiting, cough, weakness, asphyxia, drowsiness, gastritis, shortness of breath, unconsciousness, reduced visibility, deposits in eyes, dermatitis, diarrhea, loss of coordination, difficulty with speech, swelling and redness of skin, abdominal pain, necrosis of the skin, lacrimation, conjunctivitis, edema.

RIMARY ROUTE(S) OF ENTRY: inhalation, skin contact, ingestion, eyes.

EDICAL CONDITIONS THAT CAN BE AGGRAVATED: pulmonary conditions, skin disorders.

HRONIC HEALTH HAZARDS:

Peated OVEREXPOSURE to this product may cause: central nervous system damage, liver abnormalities, lung damage, spleen damage, cardiac abnormalities, birth defects.

AUCTION: Contains formaldehyde which caused cancer in laboratory animals by inhalation and is listed as a suspect carcinogen by NTP and IARC (Group-2B). Contains a urea-formaldehyde resin which, under certain conditions, could release formaldehyde in quantities sufficient to require monitoring under OSHA regulations. Formaldehyde is a suspect carcinogen. Contains a melamine-formaldehyde resin which, under certain conditions, could release formaldehyde in quantities sufficient to require monitoring under OSHA regulations. Formaldehyde is a suspect carcinogen.

OTICE: Reports have associated repeated and prolonged OVEREXPOSURE to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

***EMERGENCY AND FIRST AID PROCEDURES****.

KIN CONTACT: Flush with water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes.

YE CONTACT: Flush with water for at least 15 minutes and get medical attention.

HALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
NGESTION: Get medical attention IMMEDIATELY.

SECTION VI - REACTIVITY DATA

Material is STABLE under non-emergency conditions.

WILL NOT undergo hazardous polymerization.

AZARDOUS DECOMPOSITION PRODUCTS: oxides of carbon, oxides of nitrogen.
   fumes, various hydrocarbons, ammonia, formaldehyde, aldehydes, methanol.

ONDITIONS TO AVOID: heat, open flame, sparks.

ATERIALS TO AVOID: acids, oxidizers, amines, oxygen, alkali metal,
    chlorinated solvents, aldehydes, nitric acid, liquid chlorine, sodium
    hypochlorite, calcium hypochlorite, alkanolamines, ammonia, sodium
    hydroxide.

SECTION VII - SPILL AND LEAK PROCEDURES

TEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources
   of ignition. Wear appropriate safety equipment as listed in Section
   VIII. Absorb on inert material and dispose of as below.

ASTE DISPOSAL METHODS: Dispose of in accordance with FEDERAL, STATE and
   local regulations. Incineration is the preferred method of disposal.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

ESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator
   (NIOSH/MSHA approved) during application and handling unless air
   monitoring demonstrates vapor/mist levels below applicable limits.
   Follow respirator manufacturer's recommendations for selection and use.

ENTILATION: Sufficient ventilation must be provided to maintain airborne
   concentrations below TLV, PEL and LEL limits as listed in Section II.

TECTIVE GLOVES: Chemical resistant protective gloves should be worn when
   handling this product. Check with glove manufacturer to determine
   proper glove type.

YE PROTECTION: Face-shield should be worn.

HERTECTIVE EQUIPMENT: Eye bath and safety shower should be provided.
   Rubber apron should be worn.

YGENIC PRACTICES: Good personal hygiene practices are required at all times
   when handling chemicals. These practices include, but are not limited to,
   washing when safety equipment is removed, at the end of each shift
   or when going on breaks and especially if contamination occurs.
SECTION IX - SPECIAL PRECAUTIONS

RECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: All equipment should be grounded. Keep containers closed when not in use. Store in a clean, dry area. Store away from ignition sources. Store in well-ventilated area. Avoid contact with copper, brass and bronze.

OTHER PRECAUTIONS: All precautions must be observed. Empty container may retain product residues (vapor or liquid).

This product contains the following SARA Title III, Section 313, reportable materials: formaldehyde, n-butyl alcohol, methyl ethyl ketone, toluene, xylene (mixed isomers).

This product contains the following California proposition 65 suspect carcinogens: formaldehyde.

This product contains the following California Proposition 65 reproductive toxicants: toluene.

SECTION X - OTHER INFORMATION

The absence of a positive finding indicates that we believe, to the best of our knowledge, that the negative is true.

Disclaimer: While Akzo 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 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.

ABBREVIATIONS USED IN PREPARING THIS MSDS:

WMIS - Workplace Hazardous Materials Information System
SCA - Toxic Substances Control Act
CFR - Code of Federal Regulations
mg/M3 - Milligrams per Meter Cubed
EL - Lower Explosion Limit
FP - Flash Point
lb/gal - Pounds Per Gallon
NA - Not Available or Nonapplicable
mg/L - Milligrams Per Liter
ppm - Parts Per Million
mm/Hg - Millimeters of Mercury
F - Fahrenheit
> - Greater Than
< - Less Than
% - Percent
P - Pounds
CAS No - Chemical Abstract Number
HMIS - Hazardous Material Information System
ORAL-LD50 - Oral Lethal Dose (50% Death)
INHAL-LC50 - Inhalation Lethal Concentration (50% Death)
ERM-LD50 - Dermal Lethal Dose (50% Death)
EL - Permissible Exposure Limit
LV - Threshold Limit Value
TEL - Short Term Exposure Limit
EIL - Ceiling Limit
- At
SHA - Occupational Safety and Health Administration
ARC - International Agency for Research on Cancer
TP - National Toxicology Program
ARA - Superfund Amendments & Reauthorization Act (1986)
OT - Department of Transportation