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MATERIAL SAFETY DATA SHEET: FULL DISCLOSURE

Medical Emergency Telephone INFOTRAC (352) 323-3500 or (800) 535-5053

SECTION 1

PRODUCT IDENTITY: HS Urethane Top Coat

DATE PREPARED: 2/6/07

MANUFACTURER'S CODE IDENTIFICATION: 294007046

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)

Health: 2/3 Fire: 2/3 Reactivity: 1/1 Special/Personal Protection: /G

SECTION 2

<u>INGREDIENTS:</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
Aromatic Urethane Polymer	Proprietary	None Est.	N/A	33
Xylene	1330-20-7	100	100	23.5
Ethylbenzene	100-41-4	100	125	5.0
Propylene Glycol Mono Ether Acetate	108-65-6			15.0
Urethane Resin	78309-21-4			22.5
Toluene Diisocyanate	26471-62-5	.005	.002	1.0

SECTION 3 – Physical / Chemical Characteristics

BOILING POINT: 275-288°F

VAPOR PRESSURE: Not Determined

VAPOR DENSITY (AIR = 1): Heavier than air

SOLUBILITY IN WATER: <1%

APPEARANCE AND ODOR: Milky liquid with a solvent odor

SPECIFIC GRAVITY: .98

PERCENT VOLATILE: 46.7%

EVAPORATION RATE: Less than 1

pH: N/A

SECTION 4 – Fire and Explosion Hazard Data

FLASH POINT: 80°F

FLAMMABLE LIMITS: Flammable liquid 1C

EXTINGUISHING MEDIA: Foam, carbon dioxide, or dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, self-contained breathing apparatus is needed to protect firefighters from exposure to coating's hazardous decomposition products.

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section 5-Reactivity Data) may cause a health hazard; symptoms may not be apparent immediately. Obtain medical attention.

FM-0241

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SECTION 5 – Reactivity Data

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Open flame, sparks and light.

INCOMPATIBILITY: Water, amines, strong bases and alcohols.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, oxides of nitrogen and possibly hydrogen cyanide fumes.

SECTION 6 – Health Hazard Data

ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: Inhalation and skin contact.

EFFECTS OF OVEREXPOSURE: Effects of over-exposure causes eye irritation. Harmful if swallowed; may cause nose and throat irritation. May cause skin irritation or lung injury. May affect the brain or nervous system, causing dizziness, headache or nausea. Harmful if inhaled. Other effects of over-exposure may include: narcosis, pneumoconiosis, drying of nasal mucosa, anesthesia, fatigue, vomiting, weakness, asphyxia, drowsiness, gastritis, shortness of breath, unconsciousness, inflammation of mucous membranes of nose and throat, reduced visibility, deposits in eyes, dermatitis, diarrhea, dehydration to skin, loss of coordination, irregular heartbeat, redness and swelling of eyes and lacrimation. Repeated over-exposure to this product may cause: central nervous system damage, kidney damage, liver abnormalities, lung damage, spleen damage, birth defects and eye damage.

CARCINOGENS: In accordance with 29 CFR 1910.1200, this product contains TOLUENE DIISOCYANATE and is listed as a suspect carcinogen by NTP IARC. *State of California Safe Drinking Water and Toxic Enforcement Act 1986, Proposition 65 Warning:* This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin disorder.

EMERGENCY AND FIRST AID PROCEDURES: **Eyes:** Flush with water for at least 15 minutes and get medical attention. **Skin:** Flush with water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash before re-use. **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention. **Ingestion:** Get medical attention IMMEDIATELY.

NOTICE: Reports have associated repeated and prolonged over-exposure to solvents with permanent brain damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be fatal.

SECTION 7: Precautions For Safe Handling And Use

SPILL OR LEAK PROCEDURES: Remove all sources of ignition. Wear appropriate safety equipment as listed in Section VIII. Absorb on inert material and dispose of as below.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State and local regulations.

HANDLING AND STORING: All equipment should be grounded. Keep containers closed when not in use. Store away from ignition sources.

OTHER PRECAUTIONS: Empty container may retain product residues.

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SECTION 8: Control Measures

VENTILATION: Sufficient ventilation must be provided to maintain airborne concentration below TLV, PEL, and LEL limits.

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH APPROVED).

GLOVES: Chemical resistant protective gloves should be worn when handling this product.

EYE PROTECTION: Chemical goggles should be worn.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower should be provided.

WORK/HYGIENIC PRACTICES: Good personal hygiene practices are required at all times. Wash hands before eating or smoking.

SECTION 9: TRANSPORT INFORMATION

D.O.T. Shipping Name:	Resin Solution
D.O.T. Hazard Class:	Flammable Liquid
D.O.T. Label:	Flammable Red Label
U.N. Number:	U.N. 1866
Bill of Lading:	Resin Solution, Flammable, 3, U.N. 1866, PGII, ERG26

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree.

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

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