

## MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME: HumiSeal

GENERAL INFORMATION: (718) 932-0800

FAX: (718) 932-4345

EMERGENCY: CHEMTREC; (800) 424-9300, ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

ADDRESS: 26-60 Brooklyn Queens Expressway West, Woodside, NY 11377

CHEMICAL NAME AND SYNONYMS: Solvent Solution

TRADE NAME AND SYNONYMS: HumiSeal Thinner 521

DATE OF REVISION: APRIL 20, 1995

PREPARED BY: Jim Lawrence

SARA: This product contains toxic chemicals listed in section 3A subject to the reporting requirements of section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 and 40 CFR 372 (SARA). TSCA: All the chemical components are TSCA listed.

CAIR: Not/Appl

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

STATES RIGHT-TO-KNOW LAWS: 100% of all chemical ingredients are listed in section 3 of this MSDS. Information indicated as proprietary will be released to a physician or appropriate authority in an emergency.

S.C.A.O.M.: VOC 868 grams per liter.

HMIS/NFPA: Health 3 Fire 3 Reactivity 0

EXTREMELY HAZARDOUS SUBST. LIST (TPO): Does not apply.

SHIPPING CLASS: UN 1263, Paint, Flammable Liquid.

| MATERIAL               | WT. % | ACGIH TLV                           | CAS NO.   |
|------------------------|-------|-------------------------------------|-----------|
| Section 3A(Sara RD)    |       | TWA:PPM/MgPerM3<br>STEL:PPM/MgPerM3 |           |
| Xylene(1% SARA)        | 75-85 | 100/434<br>651/651                  | 1330-20-7 |
| Ethyl Benzene(1% SARA) | 10-20 | 100/434<br>543/543                  | 100-41-4  |
| Toluene(1% SARA)       | 5     | 100/377<br>150/565                  | 108-88-3  |

BOILING POINT: 279 F.

VAPOR PRESSURE(mm Hg): 19.4.

VAPOR DENSITY(AIR= 1): 3.6.

SPECIFIC GRAVITY (H2O=1): .87.

PERCENT VOLATILE BY VOLUME (%): 100.

EVAPORATION RATE (Buac=1): 0.60.

SOLUBILITY IN WATER: Negligible, less than 0.1 percent.

APPEARANCE AND ODOR: Water clear liquid, solvent odor.

FLASH POINT (METHOD USED): 80 F (Tag Closed Cup).

FLAMMABLE LIMITS: LEL:0.9 UEL: 6.8. EXTINGUISHING MEDIA: Foam, Carbon dioxide and dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Fight as a flammable liquid fire; wear self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor is flammable and heavier than air and may travel to source of ignition and flashback.

ROUTES OF ENTRY: SKIN: Yes INHALATION: Yes INGESTION: Yes

EFFECTS OF OVEREXPOSURE: Eyes: Liquid is minimally irritating to the eyes. High vapor concentration may also be irritating. Skin: Contact with liquid is mildly irritating. Prolonged or repeated contact can result in defatting and drying of the skin, resulting in dermatitis.

INHALATION: Vapors may be irritating to the nose, throat and respiratory tract. High vapor concentrations may cause CNS depression.

INGESTION: Liquid is moderately toxic and can be harmful if swallowed. May produce CNS depression, may result in vomiting. Aspiration of vomitus must be avoided as even small quantities may result in Aspiration Pneumonitis. Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness and nausea.

EXTREME CASES: Unconsciousness and death may occur. Aspiration Pneumonitis may be evidenced by coughing, labored breathing and cyanosis (bluish skin), in severe cases death may occur. Preexisting eye skin and respiratory conditions may be aggravated by exposure to this product. Near fatal exposures may result in congestive effects to a wide variety of organs. Lab animals exposed by various routes to high doses showed evidence in the liver, kidneys, lungs, spleen, heart and adrenal. Rats exposed to vapor during pregnancy showed embryo/fetotoxic effects. Mice exposed orally to doses producing maternal toxicity also showed embryo/fetotoxic effects.

CARCINOGENICITY: This product is not listed by the National Toxicology Program the International Agency for Research on Cancer or the Occupational Safety and Health Administration.