

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME (ON LABEL) : SeamTek® Primer Resin, PR2
COMMON NAME : epoxy resin DATE PRINTED: 25-Mar-02
DISTRIBUTOR: SEAMLESS TECHNOLOGIES, INC. EMERGENCY TELEPHONE: CHEMTREC
7460 LANCASTER PIKE - SUITE 9 24 HOURS A DAY 1 (800) 424-9300
HOCKESSIN, DE 19707 INFORMATION TELEPHONE: 302-234-3750
DATE PREPARED : 23-May-94 PREVIOUS MSDS REVISION DATE: FIRST REV.

SECTION 2 - COMPOSITION & INFORMATION ON INGREDIENTS

Table with 5 columns: Chemical Name, CAS No., Wt %, OSHA PEL, ACGIH TLV. Rows include diglycidyl ether bisphenol A epoxy resin, aliphatic epoxide, alpha hydroxy toluene, and alkylated phenol.

T.S.C.A. Status - OK on all above components.

SECTION 3 - PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE : viscous liquid SPECIFIC GRAVITY (H2O=1.0) : >1.00
PHYSICAL STATE : liquid DENSITY (LB/GAL) : N/A
VAPOR PRESSURE : N/A mm Hg. MELTING POINT (°C) : N/A
ODOR : mild EVAPORATION RATE : N/A
VAPOR DENSITY : N/A (Butyl Acetate = 1)
WATER SOLUBILITY : none V.O.C. : 0.48 lb/gal

SECTION 4 - STABILITY & REACTIVITY

STABILITY : Stable.
CONDITIONS TO AVOID : Excessive heating over long periods of time degrades the resin.
INCOMPATIBILITY : Uncontrolled reaction with amines.
HAZARDOUS DECOMPOSITION BYPRODUCTS: By fire: carbon dioxide, carbon monoxide, nitrogen oxide, aldehydes.
HAZARDOUS POLYMERIZATION : Will not occur.
CONDITIONS TO AVOID : Uncontrolled reaction with amines.

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SECTION 5 - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP METHOD) :>200°F LOWER EXPLOSIVE LIMIT :N/A
UPPER EXPLOSIVE LIMIT :N/A

EXTINGUISHING MEDIA :Foam, CO., dry chemical, water spray

SPECIAL FIRE FIGHTING PROCEDURES :Wear full protective equipment including self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS :Combustion products may be toxic. Cool storage containers with water spray to prevent pressure buildup which could rupture containers.

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? yes SKIN? yes INGESTION? yes

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation of skin.

HEALTH HAZARDS (ACUTE AND CHRONIC):ACUTE:Irritation of skin and dermatitis.
CHRONIC:Repeated overexposure will cause severe skin irritation, dermatitis and sensitization. Sensitized persons may experience rapid irritation of skin upon exposure.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE:
Allergy, skin disorders.

SECTION 7 - FIRST AID PROCEDURES

EYES: Flush with water, holding lids open for 15 minutes or more. Call physician for advice if necessary.

SKIN: Promptly wash with soap and water. Do not wash with solvents. Seek medical advice if irritation develops or persists.

INHALATION: Move person to fresh air if effects occur. If needed, give oxygen or artificial respiration to improve breathing. Consult physician.

INGESTION: Get medical attention immediately. Never give liquids to an unconscious or convulsing person.

SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear protective clothing to prevent exposure. Stop spill and dike to prevent spreading. Cover spill with absorbent materials and collect into containers. Clean contaminated area with detergent and water or a steam cleaner for best results.

WASTE DISPOSAL METHOD: Dispose in accordance with all Federal, State and local requirements.

HANDLING AND STORAGE PRECAUTIONS: Keep containers tightly closed when not in use.

OTHER PRECAUTIONS: None known.

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SECTION 9 - EXPOSURE CONTROL & PERSONAL PROTECTION

RESPIRATORY PROTECTION: Provide adequate exhaust ventilation and/or NIOSH approved amine cartridge respirator.

VENTILATION: LOCAL EXHAUST:if needed **SPECIAL:** none known

MECHANICAL (GENERAL): Adequate exhaust ventilation must exhaust away from the applicator.

PROTECTIVE GLOVES: natural rubber or neoprene gloves

EYE PROTECTION: splash goggles or face shield

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use rubber apron, face shield and appropriate clothing to prevent contact with skin. Launder contaminated clothing before reuse. Discard contaminated leather shoes and canvas sneakers. Protective skin creams help cleaning with soap and water, however, gloves must still be worn. An eye wash station or an adequate supply of clean water must be available at the work area.

WORK/HYGIENIC PRACTICES: Enforce careful handling to prevent splashing. Wash thoroughly after handling.

SECTION 10 - OTHER INFORMATION

HMS RATINGS: HEALTH :2
FLAMMABILITY :1
REACTIVITY :0
PERSONAL PROTECTION :F

KEY TO ABBREVIATIONS:

N.E. none established

NOTICE

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END OF MSDS