

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: PARSONPOXY SEL-80HB – PART A (Common name: Filled Epoxy Resin)

MANUFACTURED BY: Parson Environmental Products, Inc.
PO Box 4474
Reading, PA 19606

EMERGENCY PHONE: 610-582-6060

INFORMATION PHONE: 800-356-9023

INFOTRAC (800) 535-5053. This number is to be used only in the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving chemicals.

SECTION II

COMPOSITION & INFORMATION ON INGREDIENTS

| CHEMICAL NAME | CAS NO. | WT % | OSHA PEL | ACGIH TLV |
|------------------------------------|------------|------|----------|-----------|
| DIGLYCIDYL ETHER OF BISPHENOL A | 25085-99-8 | >74 | N.E. | N.E. |
| NON HAZARDOUS PIGMENTS AND FILLERS | MIXTURE | <25 | N.E. | N.E. |

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

SECTION III

PHYSICAL & CHEMICAL PROPERTIES

| | | | |
|------------------|-----------------|----------------------------|-----------|
| APPEARANCE | :viscous liquid | SPECIFIC GRAVITY (H2O=1.0) | :1.12 |
| 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 lb/gal |

SECTION IV

STABILITY & REACTIVITY

STABILITY :Stable.
CONDITIONS TO AVOID :Excessive heating over long periods of time degrades the resin.
INCOMPATIBILITY :Uncontrolled reaction with amines, strong acid or base.

HAZARDOUS DECOMPOSITION BYPRODUCTS: By fire: carbon dioxide, carbon monoxide, nitrogen oxide, aldehydes.

HAZARDOUS POLYMERIZATION :Will not occur.
CONDITIONS TO AVOID :Uncontrolled reaction with amines.

SECTION V

FIRE & EXPLOSION HAZARD DATA

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

EXTINGUISHING MEDIA :Foam, CO₂, 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 VI**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 VII**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 VIII**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.

SECTION IX**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 X**HMIS RATING**

HMIS RATINGS: HEALTH :2
 FLAMMABILITY :1
 REACTIVITY :0
 PERSONAL PROTECTION :G

SECTION XI

REGULATORY INFORMATION

PROPER DOT SHIPPING NAME:

NOT REGULATED BY D.O.T.

SARA SECTION 301-304 (EHS):

| COMPONENT | CAS # | RQ |
|-----------|-------|----|
|-----------|-------|----|

SARA SECTION 311-312

IMMEDIATE
DELAYED

SARA SECTION 313 :

| COMPONENT | CAS # | % BY WT |
|-----------|-------|---------|
|-----------|-------|---------|

KEY TO ABBREVIATIONS:

N.E. = none established

PREPARED BY: CRAIG GAUL

TITLE: PRESIDENT

ORIGINAL DATE: 1-19-07

REVISED DATE: NA

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