

Conforms to HCS 2012 - United States

# PR05 HI-STRESS EPOXY (RESIN)

## Section 1. Identification

**PRODUCT IDENTIFIER:**
**PRODUCT NAME:** PR05 HI-STRESS EPOXY

**OTHER MEANS OF IDENTIFICATION:**
**SDS#:** PR05

**RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**
**RECOMMENDED USE:** Repair Adhesive/Surfacer

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**
**SUPPLIER ADDRESS:**

 Promax America LLC.  
 1910 5<sup>TH</sup> Avenue  
 River Grove, IL 60171

**EMERGENCY PHONE NUMBER:** INFOTRAC - (800)-535-5053

## Section 2. Hazards identification

**APPEARANCE:** Blue liquid

**PHYSICAL STATE:** Liquid

**CLASSIFICATION:**

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Skin sensitization                | Category 1 |

**SIGNAL WORD:**
**WARNING**
**HAZARD STATEMENTS:**

 Causes skin irritation  
 Causes serious eye irritation  
 May cause an allergic skin reaction

**PRECAUTIONARY STATEMENTS – PREVENTION:**

 Wash face, hands, and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fumes/gas/mist/vapors/spray  
 Contaminated work clothing should not be allowed out of the workplace

**PRECAUTIONARY STATEMENTS – RESPONSE:**

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Seek medical attention

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Seek medical advice/attention

**PRECAUTIONARY STATEMENTS – DISPOSAL:**

Dispose of contents/container to an approved waste disposal plant

**OTHER HAZARDS:**

Toxic to aquatic life with long lasting effects

**UNKNOWN ACUTE TOXICITY:**

5-10% of the mixture consists of ingredients of unknown acute toxicity

### Section 3. Composition/information on ingredients

| CHEMICAL NAME                              |  | CAS NO     | WEIGHT-% |
|--|--|------------|----------|
| Polymer of epichlorohydrin and bisphenol A |  | 25085-99-8 | 80-90    |
| Amorphous Silica                           |  | 67762-90-7 | 5-10     |
| (3-Glycidyoxypropyl)trimethoxysilane       |  | 2530-83-8  | 1-5      |

Any concentration shown as a range is to protect the confidentiality or is due to batch variation. **There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

### Section 4. First aid measures

**FIRST AID MEASURES:**

**GENERAL ADVICE:** Provide this SDS to medical personnel for treatment

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses, if present & easy to do. Continue rinsing. Call a physician.

**SKIN CONTACT:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Seek medical advice/attention.

**INHALATION:** Remove exposed individuals to fresh air for 20 minutes. Consult a physician/poison center if the individual's condition declines or if symptoms persist.

**INGESTION:** Clean your mouth with water and drink afterward plenty of water.

**MOST IMPORTANT SYMPTOMS AND EFFECTS:**

**SYMPTOMS:** Eye, skin, and/or respiratory irritation. Exposed individuals may experience eye tearing, redness, and discomfort. Will cause gastrointestinal tract irritation

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:**

**NOTES TO PHYSICIAN:** Treat symptomatically

## Section 5. Fire-fighting measures

**EXTINGUISHING MEDIA:**

CO<sub>2</sub>, dry chemical, foam and water fog

**UNSUITABLE EXTINGUISHING METHOD:** Not determined

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

Product is not flammable

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## Section 6. Accidental release measures

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

**PERSONAL PRECAUTIONS:** Wear protective clothing as described in Section 8 of this safety data sheet

**ENVIRONMENTAL PRECAUTIONS:** Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional ecological information

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:**

**METHODS FOR CONTAINMENT:** Prevent further leakage or spillage if safe to do so. Contain with inert material

**METHODS FOR CLEAN-UP:** Soak up with inert, absorbent material. Place in appropriate containers for disposal. Discard any product, residue, disposable container or liner in full compliance With federal, state and local regulations

## Section 7. Handling and storage

**PRECAUTIONS FOR SAFE HANDLING:**

**ADVICE ON SAFE HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Keep out of reach of children. Wash face, hands and any exposed Skin thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing Dust/fumes/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

**STORAGE CONDITIONS:** Keep container tightly closed and store in a cool, dry & well-ventilated place. Keep locked Up and out of reach of children.

**INCOMPATIBLE MATERIALS:** Acids, Amines, Mercaptans, Strong oxidizing agents

**Section 8. Exposure controls/personal protection**

**EXPOSURE GUIDELINES:**

**APPROPRIATE ENGINEERING CONTROLS:**

**ENGINEERING CONTROLS:** Mechanical ventilation or local exhaust ventilation is recommended

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**

**EYE/FACE PROTECTION:** Goggles

**SKIN & BODY PROTECTION:** Solvent resistant gloves. Wear suitable protection clothing

**RESPIRATORY PROTECTION:** Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate

**GENERAL HYGIENE CONSIDERATIONS:** Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse

**Section 9. Physical and chemical properties**

**APPEARANCE:**

**PHYSICAL STATE:**

**APPEARANCE:**

**COLOR:**

**PROPERTY**

**VALUES:**

|                            |                   |
|----------------------------|-------------------|
| <b>PH:</b>                 | Not determined    |
| <b>MELTING POINT:</b>      | Not determined    |
| <b>BOILING POINT:</b>      | Not determined    |
| <b>FLASH POINT:</b>        | >93.33°C / >200°F |
| <b>EVAPORATION RATE:</b>   | Not determined    |
| <b>FLAMMABILITY:</b>       | Not determined    |
| <b>UPPER FLAMMABILITY:</b> | Not determined    |
| <b>LOWER FLAMMABILITY:</b> | Not determined    |
| <b>MATERIAL V.O.C.:</b>    | Negligible        |
| <b>VAPOR PRESSURE:</b>     | Not determined    |

|                                      |                    |
|--------------------------------------|--------------------|
| <b>VAPOR DENSITY:</b>                | Not determined     |
| <b>SPECIFIC GRAVITY:</b>             | 1.17               |
| <b>WATER SOLUBILITY:</b>             | Insoluble in water |
| <b>SOLUBILITY IN OTHER SOLVENTS:</b> | Not determined     |
| <b>PARTITION COEFFICIENT:</b>        | Not determined     |
| <b>AUTO-IGNITION TEMP.:</b>          | Not determined     |
| <b>DECOMPOSITION TEMP.:</b>          | Not determined     |
| <b>KINEMATIC VISCOSITY:</b>          | Not determined     |
| <b>DYNAMIC VISCOSITY:</b>            | Not determined     |
| <b>EXPLOSIVE PROPERTIES:</b>         | Not determined     |
| <b>OXIDIZING PROPERTIES:</b>         | Not determined     |

## Section 10. Stability and reactivity

### REACTIVITY:

Not reactive under normal conditions

### CHEMICAL STABILITY:

Stable under recommended storage conditions

### POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization does not occur

### CONDITIONS TO AVOID:

Heat, flames and sparks. Keep out of reach of children

### INCOMPATIBLE MATERIALS:

Acids, Amines

### HAZARDOUS DECOMPOSITION PRODUCTS:

## Section 11. Toxicological information

### INFORMATION ON LIKELY ROUTES OF EXPOSURE:

#### **PRODUCT INFORMATION:**

**EYE CONTACT:** Causes serious eye irritation

**SKIN CONTACT:** Causes skin irritation. Prolonged contact may cause redness and irritation

**INHALATION:** May cause irritation if inhaled

**INGESTION:** May cause gastrointestinal irritation, nausea, diarrhea and vomiting.

**COMPONENT INFORMATION:**

| CHEMICAL NAME   | ORAL LD50             | DERMAL LD50             | INHALATION LC50 |
|---|-----------------------|-------------------------|-----------------|
| Polymer of epichlorohydrin and bisphenol A 25085-99-8 | >2000 mg/kg (rat)     | >2000 mg/kg (rabbit)    | -               |
| (3-Glycidyloxypropyl)trimethoxysilane 2530-83-8       | = 22600 µL/kg ( Rat ) | = 3970 µL/kg ( Rabbit ) | -               |

**INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS:**

**SYMPTOMS:** Please see section 4 of this SDS for symptoms

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:**

**SENSITIZATION:** May cause allergic skin reaction

**CARCINOGENICITY:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

**NUMERICAL MEASURES OF TOXICITY:**

Not determined

**UNKNOWN ACUTE TOXICITY:** 5-10% of the mixture consists of ingredients of unknown toxicity

**PERSISTENCE/DEGRADABILITY:**

Not determined

**BIOACCUMULATION:**

Not determined

## Section 12. Ecological information

**ECOTOXICITY:**

Toxic to aquatic life with long lasting effects

**PERSISTENCE/DEGRADABILITY:**

Not determined

**BIOACCUMULATION:**

Not determined

**MOBILITY:**

Not determined

**OTHER ADVERSE EFFECTS:**

Not determined

**Section 13. Disposal considerations****WASTE TREATMENT METHODS:**

**DISPOSAL OF WASTES:** Disposal should be in accordance with applicable regional, national, and local laws and regulations

**CONTAMINATED PACKAGING:** Disposal should be in accordance with applicable regional, national and local laws and regulations

**Section 14. Transport information**

**NOTE:** Please see current shipping paper for the most up to date shipping information, including exemptions and special circumstances

**DOT:** Not regulated

**IATA:** Not regulated

**IMDG:**

**MARINE POLLUTANT:** This material may meet the definition of a marine pollutant

**Section 15. Regulatory information****LEGEND:**

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substance List

EINECS/ELINCS – European inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

**US FEDERAL REGULATIONS:****SARA 313:**

Not determined

**US STATE REGULATIONS:****US STATE RIGHT-RO-KNOW REGULATIONS:**

Not determined

## Section 16. Other information

### **NFPA:**

#### **HEALTH HAZARDS:**

Not determined

#### **FLAMMABILITY:**

Not determined

#### **INSTABILITY:**

Not determined

#### **SPECIAL HAZARDS:**

Not determined

### **HMIS:**

#### **HEALTH HAZARDS:**

2

#### **FLAMMABILITY:**

1

#### **PHYSICAL HAZARDS:**

0

#### **PERSONAL PROTECTION:**

Not determined

#### **Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.