

# MATERIAL SAFETY DATA SHEET

PSN-12

Updated: June 2004

---

## SECTION I – PRODUCT AND COMPANY IDENTIFICATION

---

PRODUCT NUMBER: **PSN-12**  
PRODUCT USE: **Rust-Inhibiting Primer**  
PRODUCT DESCRIPTION: Acrylic Copolymer, Water-Base  
Manufacturer: GLOBAL Encasement, Inc., 132 - 32nd St., Union City, NJ 07087  
Contact #s: Tel. # (201) 902-9770 / Fax (201) 902-9835  
Emergency Contact #:(CHEMTRAC) Tel. # (800) 424-9300  
Website Address: www.encasement.com

---

## SECTION II – COMPONENT INFORMATION

---

Material or Component:	CAS No.:
Color Pigment:	Mixture*
Calcium Carbonate:	1317 - 65 - 3
Styrene/Acrylic Copolymer:	Not Hazardous
Dibutyl Phthalate:	84 - 74 - 2
Glycol Ether:	112 - 34 - 5
Water:	7732 - 18 - 5

\*Color Pigment Mixture may contain Iron Oxides, Titanium Dioxide, Carbon Black, and other particulates not otherwise regulated in varying amounts, depending on color of product.

OSHA PEL or ACGIH TLV: This product contains no hazardous ingredients as per OSHA 29 CFR 1910.1200

---

## SECTION III – HAZARD IDENTIFICATION

---

HMIS HAZARD RATING: Health: 1 Flammability: 1 Reactivity: 0 HAZARD INDEX: 0= Minimal, 1= Slight, 2= Moderate, 3= Serious, 4= Severe
--

Primary Route (s) of Entry: Inhalation, Dermal, Ingestion.

### EFFECTS OF EXPOSURE:

Inhalation - Harmful if inhaled, may affect the brain or nervous system, causing dizziness, headache or nausea. May cause nose and throat irritation.

Contact - May cause eye irritation. May cause skin irritation.

Notice - Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage.

Medical conditions Prone to Aggravation by exposure - If you have a condition that could be aggravated by exposure to dust or organic vapors, see a physician prior to use.

---

## SECTION IV – FIRST AID INFORMATION

---

### EMERGENCY & FIRST AID PROCEDURES (Always get medical attention)

Inhalation - Move subject to fresh air. Provide oxygen if breathing is difficult. Use artificial respiration if not breathing. Get medical attention.

Eye & skin contact - Flush eyes with large amounts of water for at least 15 minutes. Wash skin with soap and water. Remove contaminated clothing and clean before reuse.

Ingestion - DO NOT INDUCE VOMITING!! ALWAYS GET MEDICAL ATTENTION.

---

---

**SECTION V – FIRE AND EXPLOSION INFORMATION**

---

FLAMMABILITY CLASSIFICATION: FLASH POINT: 248°F (120°C) (Setaflash)  
LEL 1000.0% UEL - 1.0%

OSHA - COMBUSTIBLE LIQUID CLASS IIIA, DOT - NOT REGULATED

EXTINGUISHING MEDIA: Dry Chemical, Foam, Carbon Dioxide, Water Fog.

UNUSUAL FIRE & EXPLOSION HAZARD: This is a water based product however it does contain small amounts of volatile organic compounds (See Section II). Vapors are heavier than air and will accumulate. Vapors will form explosive concentrations with air. Vapors travel long distances and will flashback.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate hazard area of unprotected personnel. Use a NIOSH approved self-contained breathing unit and complete body protection. Cool surrounding containers with water in case of fire exposure.

---

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

---

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate the area of unprotected personnel. Follow safe handling and use guidelines in Section VII. Contain and soak up residual with an absorbent (clay or sand). Take up absorbent material and seal tightly for proper disposal.

---

**SECTION VII – HANDLING AND STORAGE INFORMATION**

---

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye, skin and clothing contact. Keep hands away from face. Avoid breathing mists. Use with adequate ventilation. Keep container closed when not in use. Wash thoroughly after handling. Change clothing if exposed to heavy mist or spillage; clothing should be laundered before reuse.

PRECAUTIONS TO BE TAKEN IN STORAGE: Keep away from heat, sparks, open flame, and strong oxidizing agents. Keep containers closed. Store in a cool, dry place with adequate ventilation. If pouring or transferring materials, ground all containers and tools.

---

**SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION**

---

RESPIRATORY PROTECTION: Use only with ventilation to keep vapor levels below exposure guidelines (See Section II). User should test and monitor exposure levels to insure all personnel are below guidelines. If not sure or if not able to monitor, use OSHA approved air-purifying respirator.

VENTILATION: Use explosion-proof ventilation when required to keep below health exposure guidelines and Lower Explosive Limit (LEL).

SKIN AND EYE PROTECTION: Recommend impervious gloves, clothing and safety glasses with side shields or chemical goggles to avoid skin and eye contact. If material penetrates to skin, change gloves and clothing.

HYGIENIC PRACTICES: Wash with soap and water before eating, drinking, or using toilet facilities. Use of a hand cleaner is recommended. Launder protective clothing before reuse. Leather shoes can absorb and pass through hazardous materials. Check shoes carefully after soaking before reuse.

---

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

---

Boiling Range: 441°F (227°C) - 441°F (227°C)  
Evaporation Rate: Slower than ether  
Vapor Density: Heavier than air  
Product Weight per Gallon: 9.9 pounds per U.S. Gallon - 1.19 specific gravity  
VOC: 1.3 pounds per U.S. Gallon, 159 gm/l.  
Percent Volatile by volume: 63%  
Percent Volatile by weight: 53%

---

**SECTION X – STABILITY AND REACTIVITY INFORMATION**

---

STABILITY: Stable under normal storage conditions.  
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and unidentified organic compounds. Consider all smoke and fumes from burning material as very hazardous. Welding, cutting or abrasive grinding can create smoke and fumes. Do not breathe.  
CONDITIONS TO AVOID: Heat, sparks, and open flames.  
INCOMPATIBILITY: Avoid contact with strong oxidizing agents.

---

**SECTION XI – TOXICOLOGICAL INFORMATION** (will only print available data)

---

Primary Route (s) of Entry: Inhalation, Dermal, Ingestion.  
Carcinogenicity?: NO  
Refer to section VII for proper handling.  
No other toxicological information available.

---

**SECTION XII – ECOLOGICAL INFORMATION**

---

AQUATIC TOXICITY: Non-toxic  
TERRESTRIAL TOXICITY: Non-toxic  
No other ecological information available.

---

**SECTION XIII – DISPOSAL INFORMATION**

---

WASTE DISPOSAL METHOD: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Incinerate the solids and contaminated diking material at a permitted facility according to current Federal, State and local regulations. Refer to section XV for more information.

---

**SECTION XIV – TRANSPORTATION INFORMATION**

---

DOT CLASSIFICATION: Non-hazardous.  
UN NUMBER: None

---

**SECTION XV – REGULATORY INFORMATION**

---

SARA TITLE III, SECTION 313, SUPPLIER NOTIFICATION. This product contains the following toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372: None

---

## SECTION XVI – OTHER INFORMATION

---

OTHER PRECAUTIONS: Do not weld, heat, cut or drill on full or empty containers.

The information contained herein is accurate, to the best of our knowledge and belief. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

---

Information complies with New Jersey DOH Right-To-Know Labeling Law (N.J.A.C. 8:59 –5.1 & 5.2)

---