



A member of the Icopal Group



# MATERIAL SAFETY DATA SHEET

HMIS

H = 2

F = 1

R = 0

PPE = See Section 8

VOC: 0 grams per liter

## Section I

**Manufacturer:** This formulation is manufactured by ChemLink exclusively for Siplast / Icopal.  
**Address:** ChemLink, 416 E. Ransom St., Kalamazoo, MI 49007  
**Emergency Phone No.:** CHEMTREC, (800) 424-9300 (U.S.), (703) 527-3887 (outside of U.S.)  
**Product Class:** Caulking  
**Trade Name:** PS-304 Elastomeric Sealant

## Section II - Ingredients

Components are a trade secret.

## Section III - Physical Data

Appearance: High viscous liquid  
Boiling Point: >384°F  
Evaporation Rate: Not applicable  
Vapor Density (Air = 1): Not applicable  
% Non-volatile: >99% (105°C for 60 min)  
Sp. Gr. (H<sub>2</sub>O = 1): 1.45 - 1.55  
Solubility in H<sub>2</sub>O: Negligible  
Vapor Pressure: Not applicable  
Odor: Slight ester odor

## Section IV - Fire and Explosion Data

DOT Category: Not DOT regulated.  
Flash Point: Greater than 420°F, 391°C (Cleveland Open Cup)  
Flammable Limits: No limits established.  
Extinguishing Media: Water fog, foam, CO<sub>2</sub>, and dry chemicals.  
Special Fire Fighting Procedures: Wear full protective clothing and NIOSH approved self-contained breathing apparatus with full-face piece, operated in positive pressure.  
Special Fire & Explosion Hazards: None

## Section V - Health Hazard Data

Primary routes of entry: Eye, skin, ingestion

Health effects are not established. However, the following knowledge can be shown based on toxicological data taken for similar products.

Acute oral effects: May be harmful if ingested. LD50 for rats is 20 g/kg or more.

EYES: Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water. Call a physician.

SKIN: No primary irritation was observed when tested on the skin of a rabbit. Repeated or prolonged contact may cause irritation.

INHALATION: Short-term harmful effects are not expected from vapors generated at ambient temperatures. However, this material is capable of generating trace amounts of methanol when reacted with water. Methanol vapor may cause dizziness, drowsiness, disturbance of vision, and tingling, numbness in hands and forearms.

MUTAGENIC EFFECTS: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not established.

Emergency and First Aid Procedures:

SKIN: Wash affected area with dilute ethanol to remove cured material, and further wash with soap and water.

EYES: Irrigate immediately with plenty of water for at least 15 minutes.

INHALATION: Move to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, administer oxygen. Seek medical attention.

INGESTION: Induce vomiting and seek medical attention immediately.

### Section VI - Reactivity Data

Stability: Stable  X  Unstable \_\_\_\_\_  
Conditions to Avoid: N/A  
Materials to Avoid: Water and moisture. Reaction with water or moisture releases small amounts of methanol (<1.00%).  
Hazardous Decomposition Products: Thermal decomposition may produce toxic fumes of CO and/or CO<sub>2</sub>

### Section VII - Spill or Leak Procedures

Steps to be Taken: Contain large spill by building a dike with absorbent material. Collect remainder of the spill with absorbent material and place the material into a container approved for waste disposal. For minor spill, collect with absorbent material and dispose in accordance to governmental regulations.

### Section VIII - Special Protection Information

Respiratory Protection: Not applicable under normal conditions. However, use OSHA approved respirator for organic vapors if exposed to mists or sprays.  
Ventilation: Local ventilation should be required during handling.  
Eye Protection: Wear safety glasses or goggles to avoid eye contact.  
Skin Protection: Wear gloves and protective clothing to minimize contact with skin.  
Other Protective Equipment: Not applicable

### Section IX - Special Precautions

Hygienic practices for handling and storage: Wash thoroughly after handling.  
Precautions for repair and maintenance of contaminated equipment: Clean equipment as soon as possible after use.  
Other precautions: Not applicable

The information and recommendations contained herein are, to the best of Siplast's knowledge and belief, accurate and reliable as of the date issued. Siplast does not warrant or guarantee their accuracy or reliability, and should not be liable for any loss or damage arising out of the use thereof. User should satisfy himself that he has all current data relevant to his particular use.