

# Material Safety Data Sheet



Date of issue: 19/02/10

## 1 – Product and company identification

- **Material identification:** SP106 Resin
- **Application of the substance/preparation:** Epoxy resin
- **Supplier/Manufacturer:** Gurit (Canada) Inc  
175, rue Péladeau  
Magog, Québec, J1X 7L1 Canada  
Tel: +1 819 847-2182
- **For transportation emergencies, call:** Chemtrec: 1-800-424-9300 or Canutec (Canada): 613-996-6666
- **For additional information:** Health, Safety and Environment department  
[christian.moreau@gurit.com](mailto:christian.moreau@gurit.com)

## 3 – Hazards identification

- **Emergency overview:** Liquid material (fluid)
- **Hazardous status:** This material is classified hazardous under OSHA 29 CFR 1910.1200 and under the Canadian Controlled Products Regulations.
- **Warning statement:** WARNING!  
CAUSES EYE AND SKIN IRRITATION  
MAY CAUSE SENSITIZATION BY SKIN CONTACT  
  
Wear protective gloves and eye protection. Avoid contact with skin and clothing.  
Wash thoroughly when appropriate.
- **Potential acute health effects:**  
Eyes: Irritating to eyes  
Skin: Irritating to skin. May cause sensitization by skin contact.  
Inhalation: No known significant effects.  
Ingestion: No known significant effects.

See toxicological information (section 11)

## 2 – Composition/ information on ingredients

- Description: Mixture of the substances listed below with nonhazardous additions.

Ingredient name	CAS number	% Concentration
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	25085-99-8	50 - 90%
Benzyl alcohol	100-51-6	10 - 25%
Light aromatic solvent naphtha	64742-95-6	< 0.5%

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## 4 – First aid measures

- **Eye contact:** Rinse immediately with plenty of water. Get medical attention if symptoms persist.
- **Skin contact:** Immediately wash with water and soap and rinse thoroughly with water. Remove clothing soiled by the product.
- **Inhalation:** Remove to fresh air. Consult a doctor if symptoms occur.
- **Ingestion:** Do not induce vomiting, rinse out mouth with water. Get medical if symptoms occur.

## 5 – Fire-fighting measures

- **Suitable extinguishing media:** Water haze, foam, fire-extinguishing powder, carbon dioxide.
- **Not suitable extinguishing media:** None known.
- **Special exposure hazards:** Formation of toxic gases is possible during overheating or in case of fire.
- **Protective equipment:** Wear fully protective suit with self contained breathing apparatus (SCBA) with a face-piece operated in positive pressure mode.

## 6 – Accidental release measures

- **Personal precautions:** Wear protective equipment to avoid contact with eyes and skin.
- **Environmental precautions:** Contain spillage and prevent material from entering waterways, sewers, surface or ground water.
- **Measures for cleaning up:** Absorb with liquid-binding material. Collect contaminated material in a container and properly dispose of waste.

## 7 – Handling and storage

- **Handling:** Wear appropriate personal protection when handling.
- **Storage:** Store in cool and dry space. Keep container tightly closed. Keep away from incompatible products.

## 8 – Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:** None
- **Engineering measures:** No special ventilation requirements, general room ventilation sufficient.
- **General measures:** Keep away from food and beverages.  
Wash hands and forearms before eating and after work.  
Immediately remove all soiled and contaminated clothing.  
Avoid contact with eyes and skin.
- **Personal protection equipments:** Eyes : Wear safety glasses  
Skin: Wear gloves and protective work clothes

## 8 – Exposure controls and personal protection (continued)

- **Suitable gloves:** Nitrile rubber (NBR). Selection of gloves should take in consideration the quality aspect (thickness, strength, etc.) which varies between manufacturer.



## 9 – Physical and chemical properties

- **Physical state:** Fluid
- **Color:** Yellow
- **Odor:** Characteristic (slight)
- **Flash point:** 96°C (205°F) closed cup
- **Melting point:** Not determined
- **Boiling point:** 196°C (385°F);
- **Ignition temperature:** 435°C (815°F); Product is not self-igniting
- **Vapor pressure (at 20 °C; 68 °F):** 0.1 hPa (0,075 mm Hg)
- **Relative density:** Not determined
- **Solubility in water:** Not miscible
- **Viscosity:** 900 mPas (20°C (68°F))

## 10 – Stability and reactivity

- **Stability and reactivity:** This product is stable under normal condition.
- **Conditions to avoid:** Do not overheat to avoid thermal decomposition.
- **Dangerous reaction:** No dangerous reactions known.
- **Incompatibility with other substances:** Strong acids and strong oxidizers. Mixing with aliphatic amines under uncontrolled conditions may produce considerable heat.
- **Hazardous decomposition products:** Decomposition products include but are not limited to: Carbon monoxide, Carbon dioxide and toxic pyrolysis products.

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## 11 – Toxicological information

Substance	DL50 (Oral rat)	DL50 (Dermal rabbit)
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	> 11000 mg/kg	20 000 mg/kg
Benzyl alcohol	1230 mg/kg	2000 mg/kg
Light aromatic solvent naphtha	4200 mg/kg	-

- **Acute effects:** Eyes: Irritating to eyes  
Skin: Irritating to skin. May cause sensitization by skin contact.  
Inhalation: No known significant effects.  
Ingestion: No known significant effects.
- **Mutagenic effects:** Not available
- **Teratogenic effects:** Not available
- **Reproduction effects:** Not available
- **Carcinogenic effects:** Not listed by IARP, NTP, OSHA, EU, ACGIH

## 12 – Ecological information

- **General notes:** Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Prevent material to reach surface water or sewage system.
- **Ecotoxicity data:** Not available
- **Persistence and biodegradability:** Not available
- **Mobility:** Not available

## 13 – Disposal consideration

- **Waste disposal:** Disposal must be done in accordance with applicable Federal, State and local regulations.  
**Remarks:** Do not allow material to enter drains, sewers or surface water.

## 14 – Transport information

- **Regulatory status**  
(UN/ IMDG/ IATA; DOT/TDG): Not regulated for transport

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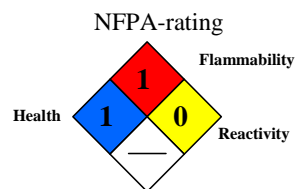
## 15 – Regulatory information

- **U.S. Federal regulations:**  
TSCA: All components listed.  
SARA 302/304/311/312/313: None of the ingredient listed.
- **U.S. State regulations:**  
California Prop. 65: No product found.

HMIS-rating	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARDS	0

### Hazard rating

0-Minimal  
1-Slight  
2-Moderate  
3-Serious  
4-Extreme



- **Canadian regulations:**  
DSL: All components listed.  
WHIMS classification: Class D-2B: Material causing other toxic effects

## 16 – Other information

- **References:** AINSI Z400.1, MSDS Standard, 2004;  
29CFR 1910.1200 OSHA Hazard Communication Standard;  
Controlled products regulations (DORS/88-66) Canada.

- **Notice to the reader:**

To the best of our knowledge, the information contained herein is accurate at the date of its publication. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The data relates only to the specific product designated and does not relate to use of the product in any process or in combination with any other material.