

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT / COMPANY INFORMATION

1.1 Pro Technology International Ltd. Phone 1-204-988-3484
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 Canada, R2L 1Z9 email info@protechnology.com

1.2 Seam Sealer Part A

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Ingredients

Component	CAS Number	Percent
1. Liquid Bisphenol A Epoxy Resin	25068-38-6	45-65%
2. Epoxy-terminated polysulfide	117527-71-6	20-40%
3. Fumed Silica	67762-90-7	2-6%

2.2 Acute Toxicity Data

Acute Oral LD50	Acute Dermal LD50	Acute Inhalation LC50
1. >4000mg/kg/rat	> 6000mg/kg/rabbit	No deaths sat'd air 8H (rat)
2. 2739mg/kg/hamster	Not Available	Not Available
3. 5000mg/kg/rat	2000mg/kg/rat	TWA: 0.1mgcu.m ACGIH No data available

3. HAZARDS IDENTIFICATION

3.1 Eye Contact: Product may be severely irritating to the eyes.
3.2 Skin Contact: Product may be moderately irritating to the skin. May cause skin sensitization. Prolonged contact may result in severe skin irritation such as blistering and deep scarring.
3.3 Inhalation: Not expected to be a relevant route of exposure, however under conditions where exposure to vapors or mists are possible, could cause respiratory tract irritation.
3.4 Ingestion: Product may be moderately toxic.
3.5 Aggravated Medical Conditions: Pre-existing eye, skin and respiratory disorders may be aggravated by this product.
3.6 Other Health Effects: The Diglycidyl Ethers of Bisphenol A (DGEBA) have yielded very limited evidence of weak Carcinogenicity.

4. FIRST AID MEASURES

4.1 EYE CONTACT: Immediately flush with water for a minimum of 15 minutes holding eye lids open to ensure flushing of entire surface. Washing within 1 minute is essential to achieve maximum effectiveness.
4.2 INGESTION: Do not induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.
4.3 INHALATION: Remove person to fresh air.
4.4 SKIN CONTACT: Wash immediately with mild soap and water. Product is only mildly skin sensitive to selected individuals. Seek medical attention if rash occurs. Use barrier cream if allergic reaction occurs.

5. FIRE FIGHTING MEASURES

- 5.1 EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical, water fog.
 - 5.2 MEDIA TO AVOID: Direct water stream (may spread fire)
 - 5.3 FIRE FIGHTING EQUIPMENT: Full protective equipment including self contained breathing apparatus should be used. If protective equipment is not available or not used, fire fight from a protected location or safe distance.
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6. ACCIDENTAL RELEASE MEASURES

- 6.1 ACCIDENTAL RELEASE: Wear protective clothing. Take up with absorbent material such as sand or sawdust. Place in closable containers. Flush contaminated area with water.
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7. HANDLING AND STORAGE

- 7.1 HANDLING: Avoid contact with eyes and skin. Use with good ventilation. Wash thoroughly after handling.
 - 7.2 STORAGE: Store in cool, dry well ventilated area.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 RESPIRATORY PROTECTION: Not Required.
 - 8.2 EYE PROTECTION: Safety goggles when sanding.
 - 8.3 SKIN PROTECTION: Gloves: Disposable, Nitrile or Latex.
 - 8.4 VENTILATION: Use adequate local exhaust ventilation.
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9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 PHYSICAL STATE: Paste Semi - Solid
- 9.2 COLOR: Blue
- 9.3 ODOR: Slight
- 9.4 BOILING POINT: >240 C
- 9.5 MELTING POINT: N/A
- 9.6 SOLUBILITY IN WATER: Insoluble
- 9.7 SPECIFIC GRAVITY (WATER=1): 1.209 +/- 0.02
- 9.10 PERCENT VOLATILE: 0.3 Maximum
- 9.11 VAPOR PRESSURE: N/A
- 9.12 VAPOR DENSITY: < 10mm, 75F

10. STABILITY AND REACTIVITY

10.1 STABILITY: Stable

10.2 REACTIVITY: Hazardous Polymerization will not occur

11. TOXICOLOGICAL INFORMATION

11.1 ROUTE OF ENTRY: Skin and Eye Contact, Vapors are unlikely due to physical properties.

11.2 EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Not anticipated to cause any significant adverse effect.

11.3 EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Repeated exposure may cause slight skin irritation.

11.4 EXPOSURE LIMITS: Not Established.

11.5 CARCINOGENICITY: Not classified as carcinogen.

11.6 TERATOGENICITY: Not Known

11.7 MUTAGENICITY: Not Known

12. ECOLOGICAL INFORMATION

12.1 No ecological information available

13. DISPOSAL CONSIDERATIONS

13.1 Comply with all Federal, State and Local Regulations

14. TRANSPORT INFORMATION

14.1 Canadian TGD Classification: Not Regulated

14.2 U.S. Regulations: Not to have met any SARA Hazard Category

15. REGULATORY INFORMATION

15.1 Ozone-Depleting Chemicals - No regulated ingredients

15.2 SARA Section 302 Extremely Hazardous Material - No regulated ingredients

15.3 SARA Section 313 Toxic Chemicals - No regulated ingredients

16. OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, PROTECHNOLOGY MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREFORE, PROTECHNOLOGY ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

BE SAFE:

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