

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT / COMPANY INFORMATION

- 1.1** Pro Technology International Ltd. Phone 1-204-988-3484
33 Stapleton Street Winnipeg, Manitoba Fax 1-204-988-3480
Canada, R2L 1Z9 email info@protechnology.com
- 1.2 Seam Sealer Part B (Epoxy Curing Agent Hardner)**

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Ingredients

Component	CAS Number	Percent
1. Mercaptan Terminated Polymer	Proprietary	75-95%
2. Poly alkyl tertiary amino amide	Proprietary	5-20%
3. Fumed Silica	60842-32-2	2-6%

2.2 Acute Toxicity Data

Acute Oral LD50	Acute Dermal LD50	Acute Inhalation LC50
1. 2.6 / kg, (rat)	No Data Available	>0.1 mg / Liter
2. 100 mg / kg (rat)	No Data Available	60 mg / kg
3. 5000mg/kg/rat	2000mg/kg/rat	No Data Available

3. HAZARDS IDENTIFICATION

- 3.1 Eye Contact:** Product may be severely irritating and corrosive to the eyes and may cause severe damage, including blindness. Vapors are irritating.
- 3.2 Skin Contact:** Product may be corrosive to the skin. May cause skin sensitization. Prolonged contact may result in severe skin irritation such as blistering and deep scarring.
- 3.3 Inhalation:** May be severely irritating to the nose, throat and respiratory tract.
- 3.4 Ingestion:** Product may be moderately toxic and harmful if swallowed. May produce irritation of the mouth, throat and gastrointestinal tract.
- 3.5 Aggravated Medical Conditions:** Pre-existing eye, skin and respiratory disorders may be aggravated by this product. Pre-existing skin or respiratory allergies may increase the chance of developing increased allergy symptoms.
- 3.6 Other Health Effects:** Skin sensitization may be evidenced by rashes. Shortness of breath may indicate chronic exposure that may later be evidenced by bronchitis and emphysema.

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 effect.
- 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:** Clear, Semi-transparent
- 9.3 ODOR:** Slight amine odor
- 9.4 BOILING POINT:** >240 C
- 9.5 MELTING POINT:** N/A
- 9.6 SOLUBILITY IN WATER:** Insoluble
- 9.7 SPECIFIC GRAVITY (WATER=1):** 1.140 +/- 0.02
- 9.10 PERCENT VOLATILE:** 0 %
- 9.11 VAPOR PRESSURE:** Not Available
- 9.12 VAPOR DENSITY:** Not Available

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 Indicated

11.7 MUTAGENICITY: Not Indicated

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.

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