

**MATERIAL SAFETY DATA SHEET**

**1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND OF THE COMPANY**

Product Code: XSM1102 B  
 Product Name: 2 Part Epoxy Small Panel Adhesive  
 Synonyms: Not Applicable  
 Chemical Family: Organic  
 Molecular Formula: Mixture  
 Product Use: Curing Agent  
 Manufacturer: Dominion Sure Seal Group of Companies  
 6175 Danville Road, Mississauga, Ontario  
 Canada, L5T 2H7  
 (905)670-5411  
 Emergency telephone numbers: Dominion Sure Seal (8 AM TO 4 PM EST)  
 (905)670-5411  
 Prepared by: Regulatory Department  
 Preparation Date: June 1, 2014

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Poly alkoxyated hydroxyalkyl thiol	Proprietary	40-70	Not Available	Not Available	Not Available
2,4,6-Tris (dimethylamino-methyl) Phenol	90-72-2	7-13	5	1.63 g/Kg (ORL-RAT) 1.35 g/Kg (DRMAL-RBT)	0.5 mg/L 4HR (RAT)
2-Piperazine-1-ylethylamine	140-31-8	7-13	Not Available	Not Available	Not Available
Soda Lime Borosilicate Glass	65997-17-3	1-5	10 mg/M3	Not Available	Not Available
Siloxanes and Silicones Reaction Products with Silica	67762-90-7	1-5	10 mg/M3	Not Available	Not Available
Iron Oxide Black	1317-61-9	1-5	10 mg/M3	Not Available	Not Available

**3. HAZARDS IDENTIFICATION**

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Irritating to eyes and skin. May cause sensitization by skin contact.

**4. FIRST AID MEASURES**

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Show this data sheet to the doctor in attendance. In case of eye contact, immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention IMMEDIATELY. For skin, wash thoroughly with soap and water. If irritation develops, get medical attention. If affected by inhalation of vapour or spray mist, move to fresh air. If swallowed, do not induce vomiting. Rinse the mouth. Drink 1-2 glasses of milk to dilute product. Water may be used instead but not as effective. Obtain medical attention IMMEDIATELY.

**5. FIRE-FIGHTING MEASURES**

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Flammability:	Not.
If Yes, Under Which Conditions:	Not Applicable.
Flammability Limits in Air (%):	Not Available
Flash Point (TCC deg.C)	> 100 deg. C
Autoignition Temperature (Deg. C):	Not Available
Hazardous Combustion Products:	Carbon monoxide, Nitrogen Oxides, Sulphur Oxides.
Sensitivity to Mechanical Impact:	Not available. Not expected to be sensitive to mechanical impact.
Rate of Burning:	Not available.
Explosive Power:	Not available.
Sensitivity to Static Discharge:	Not available. Not expected to be sensitive to static discharge.
Extinguishing Media:	Use any media that is appropriate for the surrounding fire.

**6. ACCIDENTAL RELEASE MEASURES**

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Personal Precautions:	Provide sufficient ventilation. Refer to section 7 and 8.
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Environmental Precautions: Do not empty into drains. If product contaminates lakes, rivers and sewages, inform appropriate authorities in accordance with local regulations.

Leak/Spill Clean-Up Procedures: Ventilate enclosed spaces. Collect product for disposal. Notify applicable government authority if release is reportable or could adversely affect the environment.

## **7. HANDLING AND STORAGE**

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Handling Procedures: Maintain a good personal hygiene. Avoid skin contact.

Storage Instructions: Keep away from moisture, heat, sparks, and open flames. Keep away from freezing.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Personal Protective Equipment:

    Eye Protection: Chemical safety goggles with side shields is a minimum requirement. Face shield is recommended on continuous basis.

    Skin Protection: Nitrile gloves, > 480 min.

    Respiratory Protection: If exposure exceeds occupational limits, wear a NIOSH approved air-purifying respirator with organic vapour cartridges for mists and vapours.

Engineering Controls: Exhaust ventilation is recommended if used indoors on continuous basis.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste
Appearance	Black
Odour	Pungent
Odour Threshold	Not Available
Boiling Point (Deg.C)	Not Available
Melting/Freezing Point (Deg. C)	Not Available
Vapour Density (Air = 1)	> 1
Specific Gravity (Estimate)	1
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	< 1
PH	Alkaline
Solubility in Water	Slight
Partition Coefficient (n-Octanol/Water)	Not Available
Exposure Properties (TLV, ppm)	Not Available

9. STABILITY AND REACTIVITY

Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	No, with strong acids, strong basis, strong oxidizing agents, epoxies, water.
Hazardous Products of Decomposition:	Carbon monoxide, Nitrogen Oxides, Sulphur Oxides.
Hazardous Polymerisation:	Polymerization with heat built up when in contact with epoxy component.

**11. TOXICOLOGICAL INFORMATION**

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Route of Entry:	
Skin Contact:	Yes
Skin Absorption:	Yes
Eye Contact:	Yes
Inhalation:	No
Ingestion:	Yes
Effects of Exposure:	At room temperatures vapors are not likely to cause any problem. Very hazardous in case of eye contact, may cause permanent tissue damage. Skin contact may cause its severe irritation and burns. Swallowing may cause burning of the mouth and stomach. Other possible effects are abdominal pain, nausea and diarrhea.
Carcinogenicity of material:	No information is available and no adverse Carcinogenic effects are anticipated.
Reproductive effects:	No information is available and no adverse Reproductive effects are anticipated.
Teratogenicity:	No information is available and no adverse Teratogenic effects are anticipated.
Mutagenicity:	No information is available and no adverse Mutagenic effects are anticipated.
Sensitization:	May cause sensitizing effect/allergic reaction in sensitive individuals.

**12. ECOLOGICAL INFORMATION**

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This product may be dangerous for environment. Do not empty into water or drains.

**13. DISPOSAL CONSIDERATION**

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Waste Disposal:	Spilled material and water rinses are classified as chemical waste and must be disposed of in accordance with current local, provincial and federal regulations. Incineration is the preferred
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method. This product may be dangerous for environment. Do not empty into water or drains.

**14. TRANSPORT INFORMATION**

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Proper Shipping Name:	Not Regulated
UN Number:	Not Applicable
Class or Division:	Not Applicable
Sub Risk:	Not Applicable
Packing Group:	Not Applicable

**15. REGULATORY INFORMATION**

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WHMIS Classification (Canada): D2A, D2B

**16. OTHER INFORMATION**

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