

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND PREPARATION INFORMATION

Manufacturer:	Dominion Sure Seal Ltd. 6175 Danville Road, Mississauga, Ontario Canada, L5T 2H7 (905)670-5411 U.S.A. 1-800-265-0790
Emergency telephone numbers:	Dominion Sure Seal (8 AM TO 4 PM EST) (905)670-5411 CANUTEC (24 HR) (613) 996 – 6666
Product Name:	Kevlar Reinforced Repair Compound Part A
Product Code:	XRFHSQ, Part A
Synonyms:	Not Applicable
Chemical Family:	Epoxy
Molecular Formula:	Mixture
Product Use:	Adhesive
Prepared by:	Regulatory Department
Preparation Date:	July 15, 2014

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Reaction Product of Epichlorhydrin and Bisphenol-A	025085-99-8	30-60	Not Available	5,000 mg/Kg (ORL-RAT) 20,000 mg/Kg (DRM-RBT)	Not Available
Glycidyl Ether of C12-C14 Alcohol	068609-97-2	1-5	Not Available	17,100 mg/Kg (ORL-RAT)	Not Available
Titanium Dioxide	013468-67-7	3-7	10 mg/M3	Not Available	Not Available

2. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	White
Odour	Epoxy
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)	1.7
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	< 1
pH	Not Applicable
Solubility in Water	Negligible

4. FIRE AND EXPLOSION HAZARD

Flammability:	Not.
If Yes, Under Which Conditions:	Not Applicable.
Flammability Limits in Air (%):	Not Available
Flash Point (TCC deg.C)	> 150
Autoignition Temperature (Deg. C):	Not Available
Hazardous Combustion Products:	Carbon monoxide, Chlorine oxide, Nitrogen 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.

Dominion Sure Seal

Kevlar Reinforced Repair Compound XRFHSQ Part A

Extinguishing Media:

Use any media that is appropriate for the surrounding fire.

5. REACTIVITY DATA

Chemical Stability:

Yes, under normal conditions.

Compatibility with Other Substances:

No, with strong acids, strong basis, strong oxidizing agents.

Hazardous Products of Decomposition:

Carbon monoxide, Chlorine oxides, Nitrogen oxides.

Hazardous Polymerisation:

Polymerization with heat built up when in contact with aliphatic amine.

6. TOXICOLOGICAL PROPERTIES

Route of Entry:

Skin Contact:

Yes

Skin Absorption:

Yes

Eye Contact:

Yes

Inhalation:

No

Ingestion:

Yes

Effects of Exposure:

Vapors are not considered a problem at normal temperature. Skin contact may cause its irritation. Prolonged contact may lead to dermatitis. Eye contact will cause eyes irritation. 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.

7. PREVENTIVE MEASURES

Eye Protection:	Chemical safety goggles with side shields.
Skin Protection:	Impervious gloves.
Respiratory Protection:	If exposure exceeds occupational limits wear a NIOSH approved air-purifying respirator with organic vapour cartridges for mists and vapours.
Engineering Controls:	General ventilation. Exhaust ventilation is recommended if used indoors on continuous basis.
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.
Storage Instructions:	Keep away from heat, sparks, and open flames.

8. FIRST AID MEASURES

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.

9. TRANSPORT INFORMATION

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

10. REGULATORY INFORMATION

WHMIS Classification: D2B

11. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. **This MSDS is valid for three years.**

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