

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: Flexible Plastic Repair Part A
Product Code: XPSTC Part A 400801
Synonyms: Not Applicable
Chemical Family: Epoxy
Molecular Formula: Mixture
Product Use: Adhesive
Prepared by: Regulatory Department
Preparation Date: June 1, 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	25085-99-8	15-40	Not Available	5,000 mg/kg (oral, rat) 20,000 mg/kg (dermal, rbt)	Not Available
Butyl Benzyl Phthalate	85-68-7	10-30	5 mg/m3	20,400 mg/kg (oral, rat) 10,000 mg/kg (dermal, rbt)	6.7 mg/L (rat, 4h)
Glycidyl Ether of C12-C14 Alcohol	68609-97-2	1-5	Not Available	17,100 mg/kg (oral, rat)	Not Available

The other components of this product are not considered hazardous under applicable U.S. OSHA and/or Canadian WHMIS regulations.

2. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Blue
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)	1.6
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)	> 100
Autoignition Temperature (Deg. C):	Not Available
Hazardous Combustion Products:	Carbon monoxide, Phenolics.
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.

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, Phenolics.
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:	Product not expected to be toxic by inhalation. Skin contact may cause slight irritation and allergic reaction. Swallowing may cause slight irritation of the mouth. Eye contact can cause slight transient irritation.
Carcinogenicity of material:	No information is available and no adverse Carcinogenic effects are anticipated.
Reproductive effects:	Butyl benzyl phthalate possibly causes toxicity to human reproduction or development.
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 of the material:	As a result of previous exposure, certain individuals develop sensitization which will cause them to react to a later exposure to product at levels well below the TLV. Symptoms may include allergic reactions.

7. PREVENTIVE MEASURES

Eye Protection:	Chemical safety goggles with side shields when there is a potential for eye contact.
Skin Protection:	Impervious gloves on continuous basis.
Respiratory Protection:	Not required.
Engineering Controls:	General ventilation.
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

Eye Contact:

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.

Skin Contact:

For skin, wash thoroughly with soap and water. If irritation develops, get medical attention.

Inhalation:

If affected by inhalation of vapour or spray mist, move to fresh air. Get medical attention if breathing is difficult.

Ingestion:

If swallowed, do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Drink 1-2 glasses of milk to dilute product. Water may be used instead but is not as effective. Never give anything by mouth to an unconscious person. 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

U.S. Federal Regulations

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 Hazard Category:

Irritant – skin and eyes; Skin sensitizer; target organ effects reported.

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA) Hazardous Substances:

Chemical Name	CAS Number	Reportable Quantity (RQ)
Butyl benzyl phthalate	85-68-7	100

CAA, Section 112 Hazardous Air Pollutants:

Chemical Name	CAS Number	Concentration
None	NA	NA

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA (EPCRA) Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard: Yes
 Delayed Hazard: Yes
 Fire Hazard: No
 Pressure Hazard: No
 Reactivity Hazard: No

This product contains the following extremely hazardous substance(s) subject to the reporting requirements of SARA (EPCRA) Section 302:

Chemical Name	CAS Number	Concentration
None	NA	NA

This product contains the following toxic chemical(s) subject to reporting requirements of SARA (EPCRA) Section 313 (40 CFR 372)

Chemical Name	CAS Number	Concentration
None	NA	NA

State Regulations

California: This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Component	CAS Number	Maximum %
Butyl benzyl phthalate	85-68-7	3 – 7 %

International Regulations

Canadian Workplace Hazardous Materials Information System (WHMIS):
D2A, D2B

Canadian Environmental Protection Act (DSL): All of the components of this product are included on the Canadian Domestic Substances list (DSL).

European Inventory of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

11. OTHER INFORMATION

VOC Compliance Statement:

VOC Content – Less Exempts: < 10 g/l (0.08 lb/gal)

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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