

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND PREPARATION INFORMATION

Manufacturer:	Dominion Sure Seal Group of Companies 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:	Gator Guard II Part A
Product Code:	BGG2 Part A
Synonyms:	Not Applicable
Chemical Family:	Epoxy
Molecular Formula:	Mixture
Product Use:	Coating
Prepared by:	Regulatory Department
Preparation Date:	May 9, 2005

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
4-Nonyl Phenol Branched	084852-15-3	1-5	Not Available	5,000 mg/Kg (ORL-RAT)	Not Available
Benzyl Alcohol	000100-51-6	7-13	Not Available	1,230 mg/Kg (ORL-RAT)	Not Available
Carbon Black	001333-86-4	3-7	3.5 mg/M3	Not Available	Not Available

2. HAZARDOUS INGREDIENTS (CONTINUED)

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Silicon Dioxide	007631-86-9	1-5	Not Available	Not Available	Not Available
Poly(Terephthaloyl-chloride/p-Phenylene-Diamine	026125-61-1	1-5	Not Available	Not Available	Not Available

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Black
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)	1.2
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	< 1
PH	Not Applicable
Solubility in Water	Partially

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.
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:	Yes
Ingestion:	Yes
Effects of Exposure:	Vapors may be irritating to respiratory system and might cause headache. Eye contact may cause tearing, reddening, itching and swelling. Skin contact can cause irritation. Prolonged and repeated contact leads to dermatitis. 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

Teratogenicity:	Reproductive effects are anticipated. 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.**

The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Dominion Sure Seal assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material.

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 (613) 996 – 6666

Product Name: Gator Guard II B
 Product Code: BGG2 B
 Synonyms: Not Applicable
 Chemical Family: Amines, Hydrocarbons
 Molecular Formula: Mixture
 Product Use: Curing Agent
 Prepared by: Regulatory Department
 Preparation Date: July 19, 2005

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Toluene	000108-88-3	60–100	50	5,500 mg/Kg (ORL-RAT) 14,000 mg/Kg (DRML-RBT)	8,000 ppm/4H (RAT)
4-Nonyl Phenol, Branched	084852-15-3	1-5	Not Available	580 mg/Kg (ORL-RAT)	Not Available

2. HAZARDOUS INGREDIENTS (CONTINUED)

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
4,4'-Methylenebis 2-methyl - Cyclohexanamine	006864-37-5	7-13	Not Available	360 mg/Kg (ORL-RAT) 2110 mg/Kg (DRML-RBT)	Not Available
Tetraethylene-pentamine	000112-57-2	7-13	Not Available	2000 mg/Kg (ORL-RAT) 660 mg/Kg (DRML-RBT)	Not Available

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Clear
Odour	Aromatic
Odour Threshold	2 ppm
Boiling Point (Deg.C)	111 (Start)
Melting/Freezing Point (Deg. C)	Not Available
Vapour Density (Air = 1)	> 1
Specific Gravity (Estimate)	0.88
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	> 1
PH	Not Applicable
Solubility in Water	Immissible

4. FIRE AND EXPLOSION HAZARD

Flammability:	Yes
If Yes, Under Which Conditions:	Excessive heat, sparks and open flame.
Flammability Limits in Air (%):	1.0 - 7.0
Flash Point (TCC deg.C)	4
Autoignition Temperature (Deg. C):	480
Hazardous Combustion Products:	Carbon monoxide, 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. Expected to be sensitive to static discharge when vapours in air are between the flammability limits.
Extinguishing Media:	Carbon Dioxide, dry chemicals, foam.

5. REACTIVITY DATA

Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	No, with strong oxidizing agents, reducing agents, moisture and water.
Hazardous Products of Decomposition:	Carbon monoxide, Nitrogen oxides.
Hazardous Polymerisation:	Will not occur.

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	
Skin Contact:	Yes
Skin Absorption:	Yes
Eye Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes
Effects of Exposure:	Vapors are irritating to eyes, nose, throat and respiratory tract. Eye contact may cause serious injury and burns. Product may cause redness, defatting, drying and cracking of the skin. Swallowing may lead serious injury. Other possible effects are 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 are the minimum requirement.
Skin Protection:	Rubber gloves.
Respiratory Protection:	If exposure exceeds occupational limits (50 ppm), 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.
Leak/Spill Clean-Up Procedures:	Ventilate enclosed spaces. Collect product for disposal. Do not use combustible materials such as sawdust as an absorbent. Eliminate all sources of ignition. 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	Flammable liquid, corrosive n.o.s. (Toluene, Tetraethylenepentamine)
UN Number:	2924
Class or Division:	3
Sub Risk:	8
Packing Group:	II

10. REGULATORY INFORMATION

WHMIS Classification: B2, E, D2A, D2B

11. OTHER INFORMATION

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