

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 B (Black, low VOC)
 Product Stock: BGG2, Part B (1.7 L kit)-Canada VOC Compliant
 Product Code: 100096
 Synonyms: Not Applicable
 Chemical Family: Polyamines
 Molecular Formula: Mixture
 Product Use: Bed Liner Coating, Curing Agent
 Prepared by: Regulatory Department
 Preparation Date: June 1, 2010

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Toluene	108-88-3	30-50	50	5,500; 7000 mg/kg (oral-rat) 12,270 mg/kg (dermal-rbt)	49,000 mg/m3 (rat, 4h) 30,000 mg/m3 (2h)&19,900 mg/m3 (7h, mouse)
p-Chlorobenzo trifluoride (PCBTF)	98-56-6	25-45	No Data	>6800; 13,000 mg/kg (oral-rat) >2700 mg/kg (dermal-rbt)	33,000;22,000 mg/m3 (rat, 4h) 20,000 mg/m3 (mouse)

2. HAZARDOUS INGREDIENTS (CONTINUED)

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Cycloaliphatic Polyamines	6864-37-5	5-10	Not Available	360 mg/Kg (ORL-RAT) 2110 mg/Kg (DRML-RBT)	Not Available
Aliphatic Polyamines	112-57-2	5-10	Not Available	2000 mg/Kg (ORL-RAT) 660 mg/Kg (DRML-RBT)	Not Available
4-Nonyl Phenol	84852-15-3	10-15	Not Available	580 mg/Kg (ORL-RAT)	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)	1.014
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

NOTE: With an inner packaging < 1.0 L, this component may be renamed “Consumer Commodity” and reclassified as an ORM-D material as per DOT 173.150 (b) & (c).

10. REGULATORY INFORMATION

U.S. Federal Regulations

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 Hazard Category:

Irritant – skin and eyes; Respiratory and skin sensitizer; Flammable; 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)
Toluene	108-88-3	1000

CAA, Section 112 Hazardous Air Pollutants:

Chemical Name	CAS Number	Concentration
Toluene	108-88-3	37 – 45 %

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: Yes

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
Toluene	108-88-3	37 – 45 %

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 %
Toluene	108-88-3	37 – 45 %

International Regulations

Canadian Workplace Hazardous Materials Information System (WHMIS):

B2, E, 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:

Part B VOC Content – Less Exempts: 555 g/l (4.63 lbs/gal)
Part B VOC Content – Total Material: 413 g/l (3.45 lbs/gal)
Part B Density: 1.014 g/ml
Part B Volatiles Content: 74.6 % by weight
Part B Exempt Content: 33.8 % by weight (25.6 % by volume)

Coating Category: Truck Bed Liner Coating
Mixed Kit VOC Content, as applied, No Tint added:
– **Less Exempts:** 301 g/l (2.51 lbs/gal)
– **Total Material:** 263 g/l (2.19 lbs/gal)
Mixed kit VOC content meets the 310 g/l (2.6 lbs/gal) limit for Truck Bed Liner Coatings. Canada and California compliant. Do not thin with solvents.

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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