

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: Hard Coating Remover
 Product Code: BHCR4
 Synonyms: Not Applicable
 Chemical Family: Organic
 Molecular Formula: Proprietary
 Product Use: Paint Stripper
 Prepared by: Regulatory Department
 Preparation Date: June 1, 2010

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	Weight Percent	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
N-Methyl 2-Pyrrolidone	872-50-40	15-40	Not Available	4,150 mg/Kg (ORL-RAT) 7,000 mg/Kg (DRM-RBT)	> 5 mg/L (aerosol) /4HR (INH-RAT)
Methyl Ester, soyabean oil	67784-80-9	10-30	Not Available	Not Available	Not Available
Ethyl lactate	97-64-3	10-30	Not Available	> 5,0 g/Kg (ORL-RAT) > 5,0 mg/Kg (DRM-RBT)	Not Available
Dimethyl Glutarate	1119-40-0	10-30	Not Available	8,191 mg/Kg (ORL-RAT) > 2,250 mg/Kg (DRM-RBT)	> 11 mg/L (aerosol) /4HR (INH-RAT)

2. HAZARDOUS INGREDIENTS (CONTINUED)

Hazardous Ingredients	CAS Number	Weight Percent	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Poly(oxy-1,2-ethanediyl), alpha-undecyl-omega-hydroxy-	34398-01-1	7-15	Not Available	500–5,000 mg/Kg (ORL-RAT) 2,000-20,000 mg/Kg (DRM-RBT)	4,000 ppm/4HR (INH-RAT)
Dimethyl Adipate	627-93-0	7-15	Not Available	Not Available	Not Available
Dimethyl Succinate	106-65-0	3-7	Not Available	Not Available	Not Available

3. PHYSICAL AND CHEMICAL PROPERTIES (NOT INTENDED TO BE A SPECIFICATION)

Physical State	Liquid
Appearance	Clear
Odour	Characteristic
Odour Threshold	Not Available
Boiling Point (Deg.C)	164 (Start)
Melting/Freezing Point (Deg. C)	Not Available
Vapour Density (Air = 1)	> 1
Specific Gravity	1.01
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	< 1
PH	Not Applicable
Solubility in Water	Completely

4. FIRE AND EXPLOSION HAZARD

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Flammability:	Yes
If Yes, Under Which Conditions:	Excessive heat, sparks and open flame.
Flammability Limits in Air (%):	1.0 – 10.0
Flash Point (TCC deg.C)	63
Autoignition Temperature (Deg. C):	Not Available
Hazardous Combustion Products:	Oxides of carbon, oxides of nitrogen.
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:	Expected to be sensitive when vapour is in flammability limits.
Extinguishing Media:	Foam, CO ₂ , Dry chemicals, Water fog.

5. REACTIVITY DATA

Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	No, with strong oxidizing agents.
Hazardous Products of Decomposition:	Oxides of carbon and nitrogen.
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:	Unlikely to be an inhalation hazard because of the low vapour pressure. Eye contact may cause strong irritation and corneal damage. Skin contact may cause moderate irritation. Repeated and prolonged skin contact may cause dermatitis. Swallowing may cause burning of the mouth and stomach. Other 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

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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.
Sensitization of the material:	No information is available and no adverse Sensitization effects are anticipated.

7. PREVENTIVE MEASURES

Eye Protection:	Use chemical safety goggles.
Skin Protection:	Chemical resistant gloves impervious to organic solvents.
Respiratory Protection:	NIOSH/MSH or approved respirator with cartridge recommended for organic vapour or paint (TC-23c) when airborne exposure is excessive.
Engineering Controls:	Natural or exhaust ventilation are required.
Leak/Spill Clean-Up Procedures:	Eliminate ignition sources like heat, open flame and sparks, ventilate area of spill and dike area. Wear protective clothing and equipment. Only trained personnel should provide clean up work. Cover the spill with inert absorbent and place into proper containers, do not seal. Dispose product per Federal and Local Provincial law permit. 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: B3, 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.**

Signature of Preparer: Igor Zhvanetskiy, Chemical Consultant
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