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**MATERIAL SAFETY DATA SHEET**

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**1. PRODUCT AND PREPARATION INFORMATION**

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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:	Silicone Emulsion
Product Code:	GM10953014
Synonyms:	Not Applicable
Chemical Family:	Polydimethylsiloxane
Molecular Formula:	Mixture
Product Use:	Various
Prepared by:	Regulatory Department
Preparation Date:	March 31, 2012

**2. HAZARDOUS INGREDIENTS**

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Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Route, Species	LC/50 Route, Species
Silica, amorphous, fumed	112945-52-5	3-7	10 mg/M3	Not Available	Not Available

## **2. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Appearance	White
Odour	Slight
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)	1.0
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	< 1
PH	7
Solubility in Water	Dilutable

## **4. FIRE AND EXPLOSION HAZARD**

Flammability:	No
If Yes, Under Which Conditions:	Not Applicable.
Flammability Limits in Air (%):	Not Available.
Flash Point (TCC deg.C)	Not Available.
Autoignition Temperature (Deg. C):	Not Available
Hazardous Combustion Products:	Carbon monoxide, Silicone dioxide.
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, Silicone dioxide.
Hazardous Polymerisation:	Not Available.

## **6. TOXICOLOGICAL PROPERTIES**

Primary Routes of Entry:	
Skin Contact:	No
Skin Absorption:	No
Eye Contact:	Yes
Inhalation:	No
Ingestion:	Yes
Effects of Exposure:	Product not expected to be toxic by inhalation. Skin contact will not cause significant irritation on short term basis. 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:	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 glasses when there is a potential for eye contact.
Skin Protection:	Not required on short term 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:	Do not freeze.

## **8. FIRST AID MEASURES**

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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**

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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**

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WHMIS Classification:	Not a controlled product.
DSL Inventory:	All components are included on this inventory.
OSHA Hazard Category:	Not hazardous.
TSCA 8(b) Inventory:	All components are included on this inventory.
Sara 311/312 Hazard Categories:	None.
Sara 313 Toxic Chemicals:	No listed chemicals.

**11. OTHER INFORMATION**

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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.