

SOOT SEAL

SECTION 1. IDENTIFICATION

Product Identifier	SOOT SEAL
Other Means of Identification	ESTEAM SOOT SEAL
Product Family	mixture
Recommended Use	Hard surface encapsulating sealer.
Restrictions on Use	Only use on hard surfaces.
Manufacturer	Esteam Mfg Ltd, 3750 19th NE , Calgary , Alberta, T2E6V2, 403-291-7050, esteam.com
Emergency Phone No.	Canutec, 1-613-996-6666, 24 hr
Date of Preparation	February 23, 2018

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Dipropylene glycol monomethyl ether	34590-94-8	1-5		
Alcohols, C6-12, ethoxylated, liquids	68439-45-2	1-3		

Notes

*The exact percentage (concentrations) of the substance in the mixture has been withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes. Contact a physician if irritation persists.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned. DO NOT induce vomiting unless directed to do so by medical personnel.

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SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Specific Hazards Arising from the Product

Does not burn.

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing.

Conditions for Safe Storage

Store in the original, labelled, shipping container. Keep container tightly closed. Store in cool dry place. Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

Appropriate Engineering Controls

Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety glasses.

Skin Protection

Wear Chemical protective gloves.

Respiratory Protection

If material is heated or sprayed, use an approved air-purifying respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Milky white liquid.
Odor	Sweet
Odor Threshold	Not available
pH	8.1
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available

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Flash Point	Not applicable
Evaporation Rate	> 1.00
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapor Pressure	Not available
Relative Density (water = 1)	1.015
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Molecular Formula	Not available
Molecular Weight	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Exposure to air.

Incompatible Materials

None known.

Hazardous Decomposition Products

During a fire: carbon Dioxide, Carbon Monoxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; ingestion; eye contact.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Dipropylene glycol monomethyl ether	> 275 ppm (rat) (4-hour exposure)	> 5000 mg/kg (rat) 7 h	9510 mg/kg (rabbit)
Alcohols, C6-12, ethoxylated, liquids		> 2000 mg/kg (rat)	1000 mg/kg (rabbit)

Skin Corrosion/Irritation

Not a skin irritant.

Serious Eye Damage/Irritation

Not an eye irritant.

Aspiration Hazard

Not known to be an aspiration hazard.

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Carcinogenicity

Not a carcinogen.

Reproductive Toxicity**Development of Offspring**

Does not cause harm.

Sexual Function and Fertility

Does not cause any effects.

Germ Cell Mutagenicity

Not known to be a mutagen.

SECTION 12. ECOLOGICAL INFORMATION**Persistence and Degradability**

Not readily biodegradable.

Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

Mobility in Soil

Studies are not available.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION**Safety, Health and Environmental Regulations****Canada****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

USA**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

SECTION 16. OTHER INFORMATION

SDS Prepared By Product safety manager

Phone No. 403-291-7050

Date of Preparation February 23, 2018

References CHEMINFO database. Canadian Center for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Center for Occupational Health and Safety (CCOHS). Raw ingredient SDS's.

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