

SAFETY DATA SHEET

Section 1 – Product And Company Identification

PRODUCT

PRODUCT NAME: 9150 STEAMKOTE
PRODUCT DESCRIPTION: Preparation/Mixture
PRODUCT USE: Corrosive Prevention

MANUFACTURER INFORMATION

INNOVATIVE MANUFACTURING INC
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 DELTA, BC, CANADA, V3M 5R4
 (604) 522-2811

EMERGENCY INFORMATION

INNOVATIVE MANUFACTURING CONTACT: 1-800-667-8246
24-HOUR EMERGENCY AND SDS HELP: CANUTEC: 613-966-6666

Section 2 – Hazards Identification

GHS Hazard Classification

Acute Toxicity oral	Category 4
Skin Irritation	Category 3
Eye Irritation	Category 2B
Specific target organ toxicity (single exposure)	Category 3



Signal word

Warning

Hazard Statement:

H302 Harmful if swallowed.
 H316 Causes mild skin irritation.
 H320 Causes eye irritation.
 H335 May cause respiratory irritation.

Precautionary Statements:

Prevention	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 If skin irritation occurs: Get medical advice/attention. P337 + P313 If eye irritation persists: Get medical advice/attention.
Storage	P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
Disposal	P501 Dispose of contents/container: Follow the waste disposal requirements of your country, state, or local authorities.

Section 3 – Composition/Information on Ingredients

COMPONENTS	CAS No.	% BY WEIGHT
Linseed Oil, polymd	67746-08-1	90-93
Synthetic Amorphous, Pyrogenic Silica	112945-52-5	3-4
Propylene Glycol	57-55-6	1-2
Polyethylene	9002-88-4	1-1.5

Section 4 – First Aid Measures

Description of First Aid Measures

Skin Contact	Wash affected area immediately with large amount of soap and water. Remove contaminated clothing and wash before use. If irritation develops or persists, seek medical attention.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Inhalation	Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.
Ingestion	If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.
Notes to physician	Treat symptomatically.

Section 5 – Fire Fighting Measures

Suitable extinguishing media

Water fog, carbon dioxide, dry chemical.

Special hazards arising from the substance or mixture

Carbon dioxide, carbon monoxide.

Special fire fighting procedures

Use water spray to cool unopened containers. Firefighters should wear protective equipment as required.

Unusual fire / explosion hazards

Rags and other materials containing vegetable oil could potentially heat and spontaneously ignite if exposed to air. Avoid heat, sparks and open flames.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment.

Environmental precautions

None

Methods and materials for containment and cleaning up

Absorb with an inert material and place in a chemical waste container. Do not allow product to enter sewers or waterways. For larger spills, dike area and pump into waste containers. Wear protective clothing during cleanup.

Reference to other Sections

For personal protection reference section 8. For disposal reference section 13.

Section 7 – Handling and Storage

Precautions for safe handling

Absorb with an inert material and place in a chemical waste container. Do not allow product to enter sewers or waterways. For large spills, dike area and pump into waste containers. Wear protective clothing during cleanup. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Store upright in a cool, dry, well-ventilated area. Keep container closed when not in use. Do not store in open, unlabeled or mislabeled containers. Follow all applicable local regulations for handling and storage.

Section 8 – Exposure Controls / Personal Protection

Control Parameters

Components	ACGIH TLV	OSHA PEL	NIOSH REL
Linseed oil, polymd 67746-08-1	-	-	-
Synthetic Amorphous, Pyrogenic Silica 112945-52-5	-	15 mg/m ³ , TWA, Total dust 5 mg/m ³ , TWA, Respirable	

Propylene Glycol 57-55-6	10 mg/m ³ , TWA	-	-
Polyethylene 9002-88-4	10mg/m ³ , TWA, Total dust 3 mg/m ³ , TWA, Respirable	15 mg/m ³ , TWA, Total dust 5 mg/m ³ , TWA, Respirable	-

Exposure controls

Ventilation	General ventilation is recommended. Local ventilation may be required if material is sprayed or heated.
Respiratory protection	Use a suitable respiratory protective device in case of insufficient ventilation. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Protective gloves	Wear chemical impervious gloves at all times while working with this product. Recommended glove types include: Laminate Film, Nitrile, or Tri-polymer. Check with your company's glove supplier to ensure chemical resistance.
Eye protection	Safety Glasses, Chemical goggles, or face shield
Protective clothing	Wear suitable protective clothing to prevent skin contact.
Other equipment	Make safety shower, eyewash stations, and hand washing equipment available in the work area.

Section 9 – Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR	Amber
PHYSICAL STATE	Viscous liquid
ODOR	Mild, vegetable oil
ODOR THRESHOLD	No data available
PH	No data available
MELTING POINT/FREEZING POINT	No data available
INITIAL BOILING POINT AND BOILING RANGE	Approx. 149°C (300°F) Estimated based on components
FLASH POINT	260°C (500°F) Pensky-Martens Closed Cup ASTM D-93
EVAPORATION RATE	No data available
FLAMMABILITY (solid, gas)	Class III B
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	No data available
VAPOR PRESSURE	No data available
VAPOR DENSITY (AIR=1)	>1 g/cm ³ @ 77°F(25°C)
RELATIVE DENSITY (@25°C)	0.981
SOLUBILITY(IES)	Negligible
OXIDIZING PROPERTIES	No data available
PARTITION COEFFICIENT: n-octanol/water	No data available
AUTO IGNITION TEMPERATURE	343.3°C (636.9°F)
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available
VOC CONTENT	25.5 g/L

Section 10 – Stability and Reactivity

Reactivity:	Will polymerize gradually on exposure to air.
Chemical Stability:	Stable.
Possibility of Hazardous Reactions:	Will not occur.
Conditions to Avoid:	Avoid heat and any source of ignition.
Incompatibility (Materials to Avoid):	Oxidizing materials. Acetaldehyde. Acids. Bases. Chlorine.
Hazardous Decomposition Products:	Not available.

Section 11 – Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Rat)	>=5000 mg/kg		Synthetic amorphous, pyrogenic silica 112945-52-5
	LC50 (Inhalation/Rat male)	-		
	LD50 (Dermal/Rabbit)	>=2000 mg/kg		

	LD50 (Oral/Rat)	>5000 mg/kg		Propylene glycol 57-55-6
	LC50 (Inhalation/Rat male)	20 mg/l 4 hours		
	LD50 (Dermal/Rabbit)	>2000 mg/kg		Polyethylene 9002-88-4
	LD50 (Oral/Rat)	>3000 mg/kg		
	LC50 (Inhalation/Rat male)	-		
	LD50 (Dermal/Rabbit)	-		
Skin Corrosion/Irritation	May cause skin irritation			
Serious Eye Damage / Eye Irritation	May cause eye irritation			
Respiratory or Skin Sensitization	Not classified, no data available			
Germ Cell Mutagenicity	No evidence of mutagenic effects			
Carcinogenicity	Not classified, no data available			
Reproductive Toxicity	No evidence of reproductive effects			Based on information of the components
STOT - Single Exposure	Based on available data, not expected			
STOT - Repeated Exposure	Based on available data, not expected			
Aspiration Hazard	Not classified, no data available			
Ames Test	No data available			

Section 12 – Ecological Information

Toxicity	Unlikely to be harmful	
Persistence and degradability	No specific information is available in our database regarding the degradation of this product	
Bioaccumulative potential	No information is available	
Mobility in soil	No information is available	
PBT and vPvB assessment	No information is available	
Other adverse effects	No information is available	

Section 13 – Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.

Section 14 – Transportation Information

TDG Classification Not Regulated

DOT TRANSPORT: Not Regulated

Section 15 – Regulatory Information

CEPA Status All the ingredients are on the DSL list

WHMIS Classification This is not a WHMIS controlled product.

Section 16 – Other Information

HMIS Rating:		NFPA Rating:	
Health	1	Health	1
Flammability	1	Flammability	1
Physical Hazard	0	Instability	0
Personal Protection	x	Special	-

Issue Date: November 30, 2024
Supercedes: June 30, 2021
Prepared By: Joey Wang

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