

# Safety Data Sheet

Issue Date: 14-May-2020

Revision Date: 19-March-2021

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Insert Lube

### Other means of identification

**SDS #** ELG-015

### Recommended use of the chemical and restrictions on use

**Recommended Use** Insert Repair Lubricant.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

North Shore Holding LLC  
dba: Safety Seal  
4245 Main Ave  
Fargo, ND 58103  
978-531-3044

### Emergency telephone number

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear colorless or pale yellow tacky semi-solid/liquid resin or rubber-like solids

**Physical state** Liquid

**Odor** Hydrocarbon

### Classification

Serious eye damage/eye irritation

Category 2

### Signal Word

Warning

### Hazard statements

Causes serious eye irritation



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

IF IN EYES: 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/attention

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Petrolatum	8009-03-8	40-60

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

#### Description of first aid measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	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/attention.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if irritation persists.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

#### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	<p>If mists or sprays of this product are inhaled, irritation of the mouth, throat, and other tissues of the respiratory system may occur. Symptoms may include coughing, sneezing, and difficulty breathing.</p> <p>Depending on the duration and concentration of overexposure, eyecontact with vapors may result in mild irritation. Direct eye contact with liquid or mist may cause conjunctivalirritation. Contact with the skin is not expected to cause significant cause irritation unless contact isprolonged. Repeated or prolonged contact may produce defatting of the skin leading to irritation anddermatitis, with symptoms of dryness, redness and cracking.</p> <p>Accidental injection of this product (via cut or puncture with a contaminated object) may causeirritation in addition to the wound.</p> <p>Ingestion is not anticipated to be a significant route of occupational exposure. If this product isswallowed, it may cause gastrointestinal irritation and vomiting. Ingestion of large quantities may be harmfulor fatal. Ingestion may lead to aspiration into the lungs. Aspiration may lead to chemical pneumonitis whichis characterized by pulmonary edema and hemorrhage, and may be fatal.</p>
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use fire extinguishers with class B extinguishing agents. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam. Halogen.

**Unsuitable Extinguishing Media** Not determined.

### **Specific Hazards Arising from the Chemical**

These products can burn if highly heated. Decomposition products may ignite in air at or above the flash point. Volatile flammable hydrocarbons are released when the polymer is stored hot for a prolonged period of time, which can accumulate in confined spaces, resulting in a fire or explosion hazard. Stored hot polymer auto-oxidizes, which can lead to spontaneous combustion. Hot, liquefied material may accumulate static charge. During a fire, very toxic gases and other compounds are formed. These include: For Solids: Carbon monoxide, formaldehyde, organic aldehydes, acids, hydrogen gas and hydrocarbons such as ethene, propene, butene, 2-pentene, and ethane. For Liquids: smaller polymers (lower oligomers), carbon monoxide, formic acid, acetone, and other oxygenated small organic molecules. Thermal decomposition in absence of air releases mainly saturated and unsaturated hydrocarbons, methane, propane, butene isomers, dimethylpropane isomers, and dimethylheptane isomers. Once ignited, non-stabilized polymer burns vigorously and the fire can spread rapidly. In the heat of a fire, the polymer melts and flows, producing flaming tar-like drippings, which are difficult to extinguish and can start secondary fires. Depending on the fire conditions, dense sooty smoke may be formed. Some additives can increase the amount of smoke produced. Fire gases and vapors have a pungent odor, smelling like wax or paraffin. The behavior of polymers in a fire is influenced by a number of factors, including the chemical composition and structure of the polymer, as well as the presence of additives. Heat from a fire can cause a build-up of pressure inside containers due to thermal decomposition of product, which may cause explosive rupture. The fire properties of polymers can be modified by the addition of fire retardants.

### **Explosion Data**

**Sensitivity to Mechanical Impact** Not sensitive.

**Sensitivity to Static Discharge** If heated, vapors may be ignited by static electrical energy.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal Precautions**

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Do not touch or walk through spilled material.

### **Environmental precautions**

#### **Environmental precautions**

See Section 12 for additional Ecological Information.

### **Methods and material for containment and cleaning up**

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Clean-Up**

Clean contaminated surface thoroughly. Keep in suitable, closed containers for disposal. Dispose of in accordance with federal, state and local regulations. For waste disposal, see section 13 of the SDS.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

#### **Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation, especially in confined areas.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

All employees who handle this material should be trained to handle it safely. Keep away from heat, sparks, and other sources of ignition. Keep container tightly closed when not in use. Use nonsparking tools. Bond and ground containers during transfers of material. If this product is transferred into another container, only use portable containers and dispensing equipment (faucet, pump, drip can) approved for combustible liquids. Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Do not store containers above 100°C (212°F). Material stored at cold temperatures may become very viscous and be difficult to pump. Material should be stored in secondary containers or in a diked area, as appropriate. Store containers away from incompatible chemicals (see Section 10, Stability and Reactivity). Containers should be separated from oxidizing materials by a minimum distance of 20 ft. or by a barrier of non-combustible material at least 5 ft. high having a fire-resistance rating of at least 0.5 hours. Storage areas should be made of fire resistant materials. Post warning and "NO SMOKING" signs in storage and use areas, as appropriate. Have appropriate extinguishing equipment in the storage area (i.e., sprinkler system, portable fire extinguishers). Inspect all incoming containers before storage to ensure containers are properly labeled and not damaged. Refer to NFPA 30, Flammable and Combustible Liquids Code, for additional information on storage. Empty containers may contain residual liquid or vapors that are flammable; therefore, empty containers should be handled with care. Never perform any welding, cutting, soldering, drilling, or other hot work on an empty container or piping until all liquid, vapors, and residue have been cleared.

**Incompatible Materials**

Strong oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Appropriate engineering controls**

**Engineering Controls**

Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Wear safety glasses with side shields (or goggles). Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection**

Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state  
Appearance**

Liquid  
Clear colorless or pale yellow tacky  
semi-solid/liquid resin or rubber-like  
solids

**Odor**

Hydrocarbon

**Color**

Colorless Pale yellow

**Odor Threshold**

Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting point / freezing point	-51-20 °C / -60-69 °F	
Boiling point / boiling range	Not determined	
Flash point	115-170 °C / 239-338 °F	
Evaporation Rate	<1	(n-BuAc =1)
Flammability (Solid, Gas)	Liquid - Not Applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapor Pressure	<0.001 kPa (0.01 mm Hg)	@ 20 °C
Vapor Density	12-86	
Relative Density	<1	(Water=1)
Water Solubility	insoluble	
Solubility in other solvents	Soluble in non-polar solvents such as hydrocarbons and chlorinated hydrocarbons	
Partition Coefficient	log POW: >6	
Autoignition temperature	Decomposes	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	11-4600cts	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
<b><u>Other information</u></b>		
Liquid Density	0.75-0.87 g/cm <sup>3</sup> @100°C	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under conditions of standard temperature and pressure. These products are not reactive, but can oxidize slowly by air at room temperature to form peroxides. Air oxidation increases rapidly at temperatures above 200°C (392°F). The rate of oxidation also increases as the polymer chain length increases. Light and/or heat increase the rate of decomposition and peroxide formation. These materials can decompose upon prolonged exposure to light.

### Possibility of hazardous reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources. Direct sunlight. Incompatible Materials.

### Incompatible materials

Strong oxidizers.

### Hazardous decomposition products

Combustion: For Solids: Carbon monoxide, formaldehyde, organicaldehydes, acids, hydrogen gas and hydrocarbons such as ethene, propene, butene, 2-pentene, and ethane. For Liquids: smaller polymers (lower oligomers), carbon monoxide, formic acid, acetone, and other oxygenated small organic molecules. Thermal decomposition in absence of air releases mainly saturated and unsaturated hydrocarbons, methane, propane, butene isomers, dimethylpropane isomers, and dimethylheptane isomers. Hydrolysis: None known.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

- Eye Contact**                      Causes serious eye irritation
- Skin Contact**                    Avoid contact with skin
- Inhalation**                        Do not inhale
- Ingestion**                         Do not ingest

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Petrolatum 8009-03-8	-	= 3600 mg/kg ( Rabbit )	-

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**                              Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity**                      Carcinogenic potential is unknown.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .  
**Dermal LD50**                              3,600.00 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

It is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste per regulations of the area in which the waste is generated and/or disposed of. Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Shipment of wastes must be done with appropriately permitted and registered transporters. Waste materials must be placed in and shipped in appropriate 5-gallon or 55-gallon poly or metal waste pails or drums. Permeable cardboard containers are not appropriate and should not be used. Ensure that any required marking or labeling of the containers be done to all applicable regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petrolatum	X	ACTIVE	X	X		X	X	X	X
Polyisobutylene	X	ACTIVE	X		X	X	X	X	X

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Physical hazards</b> Not determined	<b>Personal Protection</b> Not determined

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 Revision Note: New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**