



# SAFETY DATA SHEET

Effective Date 11-Aug-2016

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name RESINCAP LUBE

### Other means of identification

SDS# 066

Product Code 2300L

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

Recommended Use Fabrication of patterns and copings

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

Supplier Address Lang Dental Mfg. Co., Inc.  
175 Messner Dr.  
Wheeling, IL 60090  
USA

### Emergency telephone number

Company Phone Number 847-215-6622

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

## 2. HAZARDS IDENTIFICATION

Classification No applicable GHS categories

Precautionary Statements – Prevention Not applicable

Precautionary Statements – Response Not applicable

Precautionary Statements – Storage Not applicable

Precautionary Statements – Disposal Not applicable

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight - %	Trade Secret
Petrolatum	8009-03-8	> 70	*

\*Specific chemical weight has been withheld as a trade secret.

## 4. FIRST AID MEASURES

### First aid measures

General In case of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. In unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding eyelids apart and seek medical attention
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleaner.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

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

**Overview** Contact with eyes, prolonged contact with skin may cause irritation. Inhalation – excessive exposure may irritate eyes, nose and throat. Harmful if swallowed. OTHER HAZARDS: Material may mist when heated. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver, and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing Media** Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

**Specific hazards arising from the chemical**  
Hazardous decomposition: Oxides of carbon and sulfur

**Protective equipment and precautions for firefighters**  
Treat as an oil fire. Use a full-faced safe-contaminated breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**  
Put on appropriate personal protective equipment (see section 8)

**Environmental precautions**  
Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**Methods and material for containment and clean-up**  
**Small Spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water insoluble, absorb with inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor

**Large Spill:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Container Warnings: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAMES, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE OR CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to Occupational Safety and Health Administration Regulations, ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations.

### Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep containers tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Incompatible materials:** Strong oxidizing agents, strong acids and alkalis

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### Exposure

Cas No.	Ingredient	Source	Value
8009-03-8	Petrolatum	OSHA	5mg/m3 TWA, As oil mist, if generated
		ACGIH	2 mg/m3 TWA, As paraffin wax fumes, if generated
		NIOSH	No established limit
		Supplier	No established limit

### Exposure controls

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators

**Eyes** Chemical splash goggles

**Skin** Chemical resistant, impervious gloves

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits, suitable respirator protection must be worn

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Red, semi-solid
<b>Odor</b>	None
<b>Odor threshold</b>	Not measured
<b>pH</b>	Not measured

<b>Melting point / freezing point</b>	>38 C / 100 F
<b>Initial boiling point and boiling range</b>	Not measured
<b>Flash Point</b>	>199 C / 390 F
<b>Evaporation rate (Ether =1)</b>	Not measured
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not measured <b>Upper Explosive Limit:</b> Not measured
<b>Vapor Pressure (Pa)</b>	<0.1 mm Hg
<b>Vapor Density</b>	Not measured
<b>Specific Gravity</b>	0.85 – 0.95 @ 140 F / 60 C
<b>Solubility in Water</b>	Insoluble
<b>Partition coefficient n-octanol/water (Low Kow)</b>	Not measured
<b>Auto-ignition temperature</b>	Not measured
<b>Decomposition temperature</b>	Not measured
<b>Viscosity (cSt)</b>	Not measured

**Other information**

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Hazardous Polymerization will not occur
<b>Chemical stability</b>	Stable under normal circumstances
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	Excessive heat and open flame
<b>Incompatible materials</b>	Strong oxidizing agents, strong acids and alkalis
<b>Hazardous decomposition products</b>	Oxides of carbon and sulfur

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Exposure to solvent vapor concentrations from the component solvents in excess of the state occupational exposure limits may result in adverse health effects such as mucous membranes and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation Vapor LC50 Mg/L/4hr	Inhalation Dust/Mist LC50 Mg/L/4hr	Inhalation Gas LC50,ppm
N/A					

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate)

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable

Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion / irritation	---	Not Applicable
Serious Eye Damage / Irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT – single exposure	---	Not Applicable
STOT – repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. ECOLOGICAL INFORMATION

**Toxicity** No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Toxicity

Ingredient	96 hr LC fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
N/A	-	-	-

**Persistence and degradability** There is no data available on the preparation itself.  
**Bioaccumulation potential** Not measured  
**Mobility in soil** No data available  
**Results of PBT and vPvB assessment** This product contains no PBT/vPvB chemicals.  
**Other adverse effects** No data available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Observe all federal, state and local regulation when disposing of this substance

## 14. TRANSPORTATION INFORMATION

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO / IATA
<b>UN Number</b>	Not Applicable	Not Regulated	Not Regulated
<b>UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>Transport Hazard class(es)</b>	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
<b>Packing group</b>	Not Applicable	Not Applicable	Not Applicable

**Environmental Hazards** IMDG Marine Pollutant: No

**Special precautions for users** No further information

## 15. REGULATORY INFORMATION

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act (TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	Not Regulated
<b>US EPA Tier II Hazards</b>	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): No Delayed (Chronic): No

## 16. OTHER INFORMATION

**Effective Date** 11-Aug-2016

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers / users of this product must comply with all applicable health and safety laws, regulations, and orders.

End of Safety Data Sheet