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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** RTV GEAR OIL SILICONE 3 OZ  
**Item No:** 81182  
**Product Type:** Elastomeric rubber

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	30-50	Not listed	Not listed
CALCIUM CARBONATE 471-34-1	10-30	10 mg/m <sup>3</sup>	Not listed
GARNET MINERAL 1302-62-1	10-30	Not listed	Not listed
VINYL OXIMINOSILANE 2224-33-1	<10	Not listed	Not listed
SILICA, AMORPHOUS TREATED 68909-20-6	<5	Not listed	Not listed
2-BUTANONE OXIME 96-29-7	0.5-2.0	Not listed	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye and skin irritation. May cause skin sensitization. May be harmful if swallowed. May irritate lips, gums, tongue, mouth, nose and throat. When this product is exposed to moisture, butanone oxime may be formed.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation

**Signs and Symptoms of Exposure:** Butanone oxime produced during curing is toxic and irritates eyes, nose and throat. Overexposure to the silane may cause coma and respiratory failure.

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting skin disorders.

### 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If not breathing, give artificial respiration. Obtain medical attention.

**Skin Contact:** Wipe off paste with paper towel or cloth. Wash exposed area with soap and water. Seek medical attention if irritation persists.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** >200°F TCC

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

**Special Fire-Fighting Procedures:** Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

**Hazardous Products of Combustion:** Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Silica fume, Oxides of carbon, Aldehydes, Formaldehyde, Ammonia

**Unusual Fire/Explosion Hazards:** None.

**Lower Explosive Limit:** Not determined

**Upper Explosive Limit:** Not determined

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.

## 7. HANDLING AND STORAGE

**Storage:** Store in a dry area below 90 degrees F. Keep container closed when not in use.  
**Handling:** Avoid contact with skin and eyes. Do not inhale vapors.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses. Avoid contact lenses..  
**Skin:** Neoprene or nitrile gloves recommended.  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.  
**Respiratory Protection:** Not normally necessary. In case of insufficient ventilation, wear suitable respiratory equipment.  
**Comments:** When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Gray paste  
**Odor:** Mild  
**Boiling Point:** Not applicable, polymeric material  
**pH:** Does not apply  
**Solubility in Water:** Polymerized  
**Specific Gravity:** 1.45  
**VOC(Wt.%):** <3% by weight  
**Vapor Pressure:** <5 mm Hg  
**Vapor Density (Air=1):** Heavier than air  
**Evaporation Rate:** Not Determined

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** Will not occur.  
**Incompatibilities:** Polymerized by contact with moisture., Strong oxidizers, Acids, Reactive metals (e.g. Na, Ca, zinc), Peroxides  
**Conditions to Avoid:** Exposure to moisture.  
**Hazardous Products of Combustion:** Oxides of nitrogen, Methyl ethyl ketone, possibly methyl ethyl ketoxime, Silica fume, Oxides of carbon, Aldehydes, Formaldehyde, Ammonia

## 11. TOXICOLOGICAL INFORMATION

See Section 3

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations..  
**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## 14. TRANSPORTATION INFORMATION

**DOT (49CFR 172)**

**Ground Transport (DOT)**

**DOT Shipping Name:** Unrestricted  
**Hazard Class:** None  
**UN/ID Number:** None

**IATA**

**Proper Shipping Name:** Unrestricted  
**Class or Division:** None

## 14. TRANSPORTATION INFORMATION

**UN/ID Number:** None

### IMDG

**Proper Shipping:** Unrestricted

**Hazard Class:** None

**UN Number:** None

**Marine Pollutant:** None

## 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

NONE

**California Proposition 65:** No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 0.

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILILTY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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