



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code A-309

Revision Date: 04/04/2018

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name O-RING Lubricant

Product Code A-309

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Classification Not a hazardous substance or mixture according to GHS.

Label Elements

Hazard Symbol:	No symbol.
Signal Word:	No signal word.
Hazard Statement:	Not applicable
Precautionary Statements	
Prevention:	Not applicable
Response:	Not applicable
Storage:	Not applicable
Disposal:	Not applicable

Other hazards which do not result in GHS classification: No data available.



SECTION 3: HAZARDOUS INGREDIENTS

Substances

General information:

INDEX No.:
CAS-No.: 63148-62-9
EC No.:
REACH Registration No.:
Purity:
Synonyms:

SECTION 4: FIRST-AID MEASURES

General information: For further information refer to section 8 "Exposure-controls/personal protection".

Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms occur after washing.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms/effects, acute and delayed

Symptoms: None known.

Hazards: No specific recommendations.

Indication of immediate medical attention and special treatment needed

Treatment: No specific recommendations.

SECTION 5: FIRE-FIGHTING MEASURES

General Fire Hazards: No specific recommendations.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Extinguish with foam, carbon dioxide or dry powder.



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Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:

Product will burn under fire conditions. Hazardous Decomposition Products: formaldehyde, oxides of carbon and silica.

Special protective equipment and precautions for firefighters

Special fire fighting procedures:

Water spray should be used to cool containers.

Special protective equipment for fire-fighters:

Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

Methods and material for containment and cleaning up:

Absorb with sand or other inert absorbent and place into containers.

Notification Procedures:

Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

Environmental Precautions: Do not allow to enter drains, sewers or watercourses

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

See Section 8 of the SDS for Personal Protective Equipment. For further information, refer to section 10: "Stability and Reactivity".

Conditions for safe storage, including any incompatibilities:

Store in tightly closed original container in a dry, cool and well-ventilated place

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.



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Appropriate Engineering Controls

No specific recommendations.

Individual protection measures, such as personal protective equipment

General information: Provide sufficient ventilation during operations which cause vapor formation.

Eye/face protection: Safety Glasses.

Skin Protection

Hand Protection: Protective gloves are recommended.

Other: Wear suitable protective clothing.

Respiratory Protection: If ventilation is insufficient, suitable respiratory protection must be provided.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance

Physical state: Liquid

Form: Viscous

Color: Colorless

Odor: Odorless

Odor threshold: No data available.

pH: Not applicable

Freezing point: -67 °F (-55 °C) Approximate

Boiling Point: No data available.

Flash Point: 572 °F (300 °C) (Closed cup according to method
Afnor T 60103.)

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Flammability limit - upper (%): No data available.

Flammability limit - lower (%): No data available.

Vapor pressure: < 0.1 hPa (68 °F (20 °C))

Vapor density: No data available.

Density: Approximate 0.96 kg/dm³ (68 °F (20 °C))

Solubility(ies)

Solubility in water: Practically Insoluble

Solubility (other): Acetone: Very slightly soluble.

Ethanol: Very slightly soluble.

Diethylether: Miscible (in all proportions).



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Partition coefficient (n-octanol/water):

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Aliphatic hydrocarbons: Miscible (in all proportions).

Aromatic hydrocarbons: Miscible (in all proportions).

Chlorinated solvents: Miscible (in all proportions).

No data available.

> 752 °F (400 °C)

> 392 °F (200 °C)

Approximate 100 mm²/s (77 °F (25 °C))

Other information

Oxidizing properties:

According to the data on the components Not considered as oxidizing.
(evaluation by structure-activity relationship)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable

Possibility of hazardous reactions: Will not occur.

Conditions to avoid: None known.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products:

This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.



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Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: LD 50 (Rat): > 5,000 mg/kg

Dermal Product: LD 50 (Rat): > 2,000 mg/kg

Inhalation Product: No data available.

Repeated dose toxicity Product: NOAEL (Rat, Ingestion, /day): 2,500 mg/kg

Skin Corrosion/Irritation Product: No data available.

Serious Eye Damage/Eye Irritation Product: No data available.

Respiratory or Skin Sensitization Product: Not a skin sensitizer.

Carcinogenicity Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):
No carcinogenic components identified

Germ Cell Mutagenicity

In vitro Product: No effects expected (assessment based on ingredients).

In vivo Product: No data available.

Reproductive toxicity Product: No data available.

Specific Target Organ Toxicity - Single Exposure Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure Product: No data available.

Aspiration Hazard Product: No data available.

Other effects: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish Product: LC 50 (Fish, 96 h): Not considered toxic to fish.



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Aquatic Invertebrates Product: EC 50 (Sediment Invertebrate, 48 h): Not expected to be harmful to aquatic organisms.

Chronic hazards to the aquatic environment:

Fish Product: No data available.

Aquatic Invertebrates Product: No data available.

Toxicity to Aquatic Plants Product:

EC 50 (72 h): Not expected to be harmful to aquatic organisms.

NOEC (72 h): Not expected to be harmful to aquatic organisms.

Persistence and Degradability

Biodegradation Product: The product is not readily biodegradable.

BOD/COD Ratio Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF) Product: The product is not bioaccumulating.

Partition Coefficient n-octanol / water (log Kow) Product:

No data available.

Mobility in soil:

No data available.

Other adverse effects:

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions:

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Contaminated packages should be as empty as possible.

SECTION 14: TRANSPORT INFORMATION

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: No special precautions

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.



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CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Acute (Immediate) Chronic (Delayed) Fire Reactive Pressure Generating

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

Inventory Status:

Australia AICS: On or in compliance with the inventory.

Canada DSL Inventory List: On or in compliance with the inventory.

EINECS, ELINCS or NLP: On or in compliance with the inventory.

Japan (ENCS) List: On or in compliance with the inventory.

China Inv. Existing Chemical Substances: On or in compliance with the inventory.

Korea Existing Chemicals Inv. (KECI): On or in compliance with the inventory.



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Philippines PICCS:	On or in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory.

SECTION 16: OTHER INFORMATION

HNIS Hazard ID

Health	1 - Slight
Flammability	1 - Slight
Physical Hazards	0 - Minimal
PERSONAL PROTECTION	B – Safety Glasses and gloves

NFPA Hazard ID

Flammability	1 - Slight
Health	1 - Slight
Reactivity	0 - Minimal
Special Hazard	

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This is to certify that the above designated material has been tested and did comply with the listed specifications (with listed exceptions) when supplied in original container. The material is subject to the conditions listed on the invoice. The above is a copy of information on file. The lot acceptance data are available for examination. This is a computer-generated document that is valid without a signature. The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document. Factor II is a distributor of this product not the manufacture. Factor II will warrant this product 6-months from the ship date, some restrictions apply.