



Factor II, Incorporated

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

Safety Data Sheet

Product Code: V-40098

Revision Date: 01/02/2019

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Silicone Fluid

Product Code V-40098
SR-4305

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated
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Lakeside AZ 85929
928-537-8387
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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD 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



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SECTION 3: COMPOSITION/INFORMATION ON 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.

Appropriate Engineering Controls

No specific recommendations.



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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 (Based on typical material)

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

-49 °F (-45 °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 0.97 kg/dm³ (68 °F (20 °C))

Solubility(ies)

Solubility in water

Slightly Soluble

Solubility (other)

Acetone: Marginally Soluble

Ethanol: Marginally Soluble

Diethylether: Miscible (in all proportions).

Aliphatic hydrocarbons: Miscible (in all proportions).



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Partition coefficient (n-octanol/water)

Auto-ignition temperature

Decomposition temperature

Viscosity

Aromatic hydrocarbons: Miscible (in all proportions).

Chlorinated solvents: Miscible (in all proportions).

No data available.

> 752 °F (400 °C)

> 392 °F (200 °C)

12,500 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 DATA

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 No data available.

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 data available.

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 No data available.



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Aquatic Invertebrates Product	No data available.
Chronic hazards to the aquatic environment	
Fish Product	No data available.
Aquatic Invertebrates Product	No data available.
Toxicity to Aquatic Plants Product	No data available.
Persistence and Degradability	
Biodegradation Product	No data available.
BOD/COD Ratio Product	No data available.
Bioaccumulative potential	
Bioconcentration Factor (BCF) Product	No data available.
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.

CERCLA Hazardous Substance List (40 CFR 302.4)

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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.
Philippines PICCS	On or in compliance with the inventory.



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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

HMIS 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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