



Factor II, Incorporated

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

Safety Data Sheet

Product Code A-313

Date of issue: 07-01-2015

Revision Date: 07/23/2021

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Functional Silicone Fluid (1,000 cps)

Product Code A-313

Additional Identification:

Chemical Name: alpha, omega-divinylpolydimethylsiloxane
CAS-No.: 68083-19-12

Intended Use(s) : For professional use only/ Manufacturing intermediates

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



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Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Other hazards which do Not result in GHS

Classification: No data available.

SECTION 3: Composition/information on ingredients

Substances

General information :

INDEX NO. :

CAS-NO. : 68083-19-2

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.



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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.

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: Warer 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.



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

Including any Incompatibilities:

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.

Individual protection measures, such as personal protective equipment

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

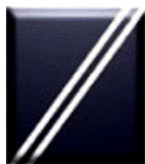
Eye/Face protection: Safety Glasses.

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.



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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance

Physical state:	Liquid
Form:	Viscous
Color:	Odorless
Odor:	Odorless
Odor threshold:	No data available.
pH:	Not applicable.
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	>482 °F (250 °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 0.98 kg/dm ³ (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). Aliphatic hydrocarbons: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions). Chlorinated solvents: Miscible (in all proportions).
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	Approximate 1,000 mm ² /s (77 °F (25 °C))

Other information

Oxidizing properties: According to the data on the components Not considered as oxidizing. (evaluation by



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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:** No data available.

**Dermal
product:** No data available.

**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:** No data available.

**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.



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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.

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



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Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BFC)

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: REGULATION 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 122® Accidental Release Prevention (40 CFR 68.130):

None present or none present in regulated quantities.

US State regulations

US. California Proposition 65

No ingredient requiring a warning under CA Prop 65.

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.



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Inventory Status:

Austrillia 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 Chemical Substances:	On or in compliance with the inventory.
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.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

HMIS Hazard ID

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

- 4. Severe Hazard
- 3. Serious Hazard
- 2. Moderate Hazard
- 1. Slight Hazard
- 0. Minimal Hazard

B – Safety Glasses & Gloves



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NFPA Hazard ID



Hazard rating: 0-minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Severe; RNP-Rating not possible

FOR SDS ONLY

DISCLAIMER / STATEMENT OF LIABILITY:

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, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and/or fire prevention as necessary or appropriate to the use and understanding of the data contained in this SDS. To promote safe handling each customer or recipient should 1) notify and furnish its employees, agents, contractors, customers and/or others whom it knows or believes will use this material of the information regarding hazards or safety, and 2) request its customers to notify their employees, customers and other users of the product of this information.