



Factor II, Incorporated

P.O. Box 1339
Lakeside, AZ 85929

Phone: (928) 537-8387
Fax: (928) 537-0893

SAFETY DATA SHEET

A-318

OH Thinner

In Case of emergency contact Factor II. Inc. 928-537-8387

Factor II Technology 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 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 others whom it knows or believes will use this material of the information regarding hazards or safety; (2) request its customers to notify their employees, customers and other users of the product of this information.

1. CHEMICAL PRODUCT

PRODUCT NAME: A-318

CHEMICAL NAME: Polydimethylsiloxane, hydroxy-terminated

CHEMICAL FAMILY: Silicone

FORMULA: Proprietary

2. HAZARDOUS INGREDIENTS

%	MATERIAL	CAS#	OSHA HAZARD
NA	Polydimethylsiloxane, Hydroxy-terminated	70131-67-8	NA

This material is not considered hazardous by the OSHA Hazard Communication Standard, OSHA 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

Emergency Overview

Appearance:

Color: Colorless

Form: Viscous.

Physical State: Liquid

Odor: Odorless

Potential Health Effects:

General This material is not considered hazardous by the OSHA Hazard Communication Standard, OSHA 29 CFR 1910.1200.

Potential Physical / Chemical Effects: None known

Inhalation: No adverse effects due to inhalation are expected.

Skin: Non-irritating.

Eye: Non-irritating.

Ingestion: No adverse effects due to ingestion are expected.

Environment: Not regarded as dangerous for the environment.



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4. FIRST AID MEASURES

General:

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

Inhalation:

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

Skin contact:

Immediately wipe excess material off skin with a dry cloth; then wash skin with plenty of soap and water. Seek medical attention if irritation develops or persists.

Eye contact:

In case of contact, immediately absorb excess with clean absorbent cloth or cotton. Then, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

Ingestion:

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

Notes to the physician:

Hazards:

No specific recommendations.

Treatment:

No specific recommendations.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Dry chemical, alcohol resistant foam or carbon dioxide (CO₂).

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

Unusual Fire &

Explosion Hazards:

Product will burn under fire conditions. Hazardous decomposition products Formaldehyde, oxides of carbon and silica.

Special firefighting procedures:

No specific recommendations.



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Protective Measures:

Firefighters should wear NIOSH/MSHA approved self-contained apparatus and full protective clothing. Use water to keep fire exposed containers

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Use personal protective equipment. See section 8 for further recommendations.

Environmental precautions:

Do not allow to enter drains, sewers or watercourses.

Spill Cleanup Methods:

Absorb with inert material. Scrape up and place in appropriate closed container. Caution: contaminated surfaces may be slippery.

7. HANDLING AND STORAGE

Precautions for Handling and Storage:

Normal precautions common to safe manufacturing practice should be followed in handling and storage. Store in tightly closed original container in a dry, cool and well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

No assigned exposure limits.

Protective Measures:

No specific precautions.

Respiratory Protection:

No protection is ordinarily required under normal conditions of use and with adequate ventilation. This product can form formaldehyde vapors when heated to temperatures above 150°C in the presence of air.

Eye protection:

Wear approved safety glasses.

Skin and Body Protection:

It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing and gloves.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES (based on typical material)

Appearance: Colorless, viscous liquid.
Odor: Odorless
Freezing Point: -49°F (-45°C) Approximate



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Boiling Point:	No data available
Flash Point:	428°F (220°C) (Closed cup according to method of Afnor T 60103).
Vapor Pressure:	<0.1 hPa (68°F (20°C))
Vapor density (air=1):	No data available
Relative density:	0.97 (68°F (20°C)) Approximate
Solubility in Water:	Practically Insoluble
Solubility Other:	Acetone, Ethinol: Very slightly soluble Diethylether, Aliphatic hydrocarbons, Aromatic hydrocarbons and chlorinated solvents: Miscible (in all proportions).
Decomposition Temp.:	>392°F (200°C)
Oxidizing properties:	Not considered oxidizing.

Note: The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY DATA

Stability:

Stable.

Possibility of Hazardous reactions:

Will not occur.

Conditions to avoid:

None known

Incompatible materials:

Strong Oxidizers, strong acids and strong bases.

Hazardous decomposition products:

Thermal decomposition may liberate dimethylcyclosiloxanes and methylphenylcyclosiloxanes. This product can form formaldehyde vapors when heated to temperatures above 150°C in the presence of air.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Inhalation:	No data available.
Ingestion:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/ Irritation:	No data available.
Respiratory sensitizer/ Skin sensitizer:	No data available.
Carcinogenicity/ Mutagenesis:	No data available.
Reproductive toxicity:	No data available.



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12. ECOLOGICAL INFORMATION

Persistence and degradability: The product is not biodegradable.
Bioaccumulative potential: The product is not bioaccumulating.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and local regulations.

14. TRANSPORT INFORMATION

I.A.T.A. and D.O.T. HAZARD CLASSIFICATION:
This material is not subject to transport regulations.

15. REGULATORY INFORMATION

INVENTORY STATUS:

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
EU EINECS List:	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 INV. (KECI):	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 Chemiclas:	On or in compliance with the inventory

US REGULATIONS:

CERCLA Hazardous Substance List (40 cfr 302.4)	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 Realease Prevention (40 CFR 68.130)	None present or none present in regulated quantities

STATE REGULATIONS :

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
No Ingredient regulated by CA Prop 65 present.

Massachusetts Right-To-Know List:
No Ingredient regulated by MA Right-To-Know List present.



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New Jersey Right-To-Know- List:

No Ingredient regulated by NJ Right-To-Know List present.

Pennsylvania Right-To-Know List:

No Ingredient regulated byPA Right-To-Know List present

SARA TITLE III:

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):

None present or none present in regulated quantities.

16. OTHER INFORMATION

HMIS and NFPA Hazard ID:

Health: 1

Flammability: 1

Reactivity: 0

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Factor II Technology, it is the user's obligation to determine the conditions of safe use of the product. Factor II Technology Regulatory Compliance Department