



Factor II, Incorporated

Inventing and Innovating...
(Information: 1.928.537.8387)
ONLINE ORDERING www.factor2.com

MATERIAL SAFETY DATA SHEET

A-300-1 THIXO

In Case of emergency call 928-242-1308 or 928-537-8387

Factor II Technology urges each customer or recipient of this MSDS 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 MSDS.

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.

I. IDENTIFICATION

GENERIC DESCRIPTION: Silicone

PHYSICAL FORM: Liquid

COLOR & ODOR Amber/Characteristic odor

NFPA Profile: Health 1 Flammability 2 Reactivity 0

II. HAZARDOUS INGREDIENTS

COMPONENT NAME	CAS#	WT%
Decamethylcyclopentasiloxane	541-02-6	1-5
Ocamethylcyclotetrasiloxane	556-67-2	1-5

These ingredients apply to New Jersey and Pennsylvania (102783017 – 027274313) California and Massachusetts: None known. When a decision is made to discard this material, as received, it is classified as a hazardous waste.

III. Effects of Overexposure

Personal Protection Recommended: Wear protective goggles to prevent eye contact. Under recommended conditions of use, no other protection should be required.

Signs and Symptoms of Exposure: The primary route of exposure is eye contact. Direct eye contact can cause a transitory irritation, but it is not injurious. This irritation may persist for up to 24 hours.

IV. First Aid Measures

Eye contact: Flush with water. Get medical attention if irritation persists.

Skin contact: Wash thoroughly with soap and water.

Ingestion: No First aid should be needed.

Inhalation: Remove to fresh air. Give oxygen or artificial respiration if not breathing. Get immediate medical attention.

Occupational Exposure Limits: Because of the low health hazard, no exposure limits have been established.

Toxicity: Because of the low toxicity, specific toxicity data is unavailable.

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye disorders

USE 1 DROP PER 10 GRAMS



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V. FIRE AND EXPLOSION INFORMATION

Flash Point (Closed Cup) 153°F:

Flammable Limits in Air, % Volume: Not measured.

Extinguishing Media: Use water spray, water fog, dry chemical, foam or CO₂

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing in all chemical fires. Use water spray to cool nearby containers.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and can travel along the ground to remote ignition sources.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Hydrogen. Formaldehyde.

VI. SPILL AND LEAK PROCEDURES

Use full face respirator. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release.

Avoid eye contact. Avoid breathing vapor, mist, dust, or fumes.

Note these precautions are for room temperature handling. Use at elevated temperature or aerosol application may require added precautions.

Consult and comply with Federal, State, and local regulations concerning any release of hazardous materials into the water, water piping systems, ground, or air. Consult and comply with Federal, State and local regulations concerning removal of waste.

VII. HANDLING AND STORAGE

Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed.

Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container tightly closed and away from heat, sparks, and flame.

IX. PHYSICAL DATA

BOILING POINT: 95°F

SPECIFIC GRAVITY (water = 1): 1.03

VAPOR PRESSURE Not Determined

VAPOR DENSITY (Air = 1): Not Determined

EVAPORATION RATE Not Established

SOLUBILITY IN WATER Not Determined

APPEARANCE: and ODOR: Liquid, Characteristic odor, Clear to Hazy Color.

PERCENT VOLATILES: Not Determined

NOTE: The above information is not intended for use in preparing product specification. Contact Factor II before writing specifications.

X. REACTIVITY DATA-



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Stability: This material is chemically stable. Hazardous polymerization will not occur.
Materials to Avoid: Oxidizing material can cause a reaction.

IX. TOXICOLOGICAL AND ECOLOGICAL INFORMATION

Octamethylcyclotetrasiloxane: Evidence of reproductive effects in laboratory animals
No Ecological information available

X. TRANSPORT INFORMATION

PROPER SHIPPING NAME (49CFR 172.101): Combustible Liquid, N.O.S.
DOT HAZARD NAME AND CLASS (CFR 172.101); Cyclosiloxanes-Combustible Liquid
RCRA HAZARD CLASS (49 CFR 261) (IF DISCARDED); None
HEALTH (NFPA); 1 FLAMMABILITY (NFPA); 2 REACTIVITY (NFPA); 0
PACKING GROUP: III
UN/NA Number: NA1993
GENERIC DESCRIPTION: Silicone Fluid

ABOVE APPLIES ONLY TO CONTAINERS 119 GAL OR 450 LITERS.

XI. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances.

None

Section 304 CERCLA Hazardous Substances:

Section 312 Hazard Class

Acute: No

Chronic: Yes

Fire: Yes

Pressure: No

Reactive: No

STATE-RIGHT-TO-KNOW

CALIFORNIA Proposition 65

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

MASSACHUSETTS 105 CMR 670.000 Right-To-Know, Substance List (MSL)

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

NEW JERSEY

Cas#

102783-01-7

Wt%

>60

Component Name

Dimethyl siloxane, ethoxylated 3 hydroxypropyl-terminated



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27274-31-3	15-40	Polyethylene oxide monoallyl ether
25322-68-3	5-10	Polyethylene glycol
556-67-2		1-5 Octamethylcyclotetrasiloxane
541-02-6		1-5 Decamethylcyclopentasiloxane
None	1-5	Dimethylcyclosiloxanes

PENNSYLVANIA Right-To-Know, Hazardous Substance List

<u>Cas#</u>	<u>Wt%</u>	<u>Component Name</u>
102783-01-7	>60	Dimethyl siloxane, ethoxylated 3 hydroxypropyl-terminated
27274-31-3	15-40	Polyethylene oxide monoallyl ether
25322-68-3	5-10	Polyethylene glycol

All information appearing herein is based upon data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.