

Product Name Silaplane FM-DA26
Revision date 01-Mar-2022
Issuing Date 27-Nov-2020

(M)SDS Number PPN-EM-00021
Version 2

1. Identification

Product identifier

Product Name Silaplane FM-DA26

Chemical name Poly[oxy(dimethylsilylene)], α -[[3-[2,2-bis(hydroxymethyl)butoxy]propyl]dimethylsilyl]- ω -[(butyldimethylsilyl)oxy]-

English chemical name Poly[oxy(dimethylsilylene)], α -[[3-[2,2-bis(hydroxymethyl)butoxy]propyl]dimethylsilyl]- ω -[(butyldimethylsilyl)oxy]-

Other means of identification

(M)SDS Number PPN-EM-00021

Safety data sheet number CPS-E-2016M

Molecular weight 15000

Details of the supplier of the safety data sheet

Manufacturer

JNC CORPORATION,
Shin Otemachi Bldg.,2-1,Otemachi 2-Chome,Chiyoda-ku,Tokyo 100-8105 Japan
TEL:+81-3-3243-6190 Fax:+81-3243-6069

Importer

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TEL :+86-21-6466-1919
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E-mail address silicon@jnc-corp.co.jp

Emergency telephone number

Emergency Telephone +81-3-3243-6190

Emergency telephone number 0532-83889090

Recommended use of the chemical and restrictions on use

Recommended Use Resin modifier

Restrictions on use Please do not use for medical applications.

2. Hazard(s) identification

Emergency Overview

No significant adverse health effects

Appearance No information available **Physical state** Liquid **Odor** Odorless

Classification of the substance or mixture

Not classified

hazard statements

Not classified

Physical and chemical hazards

Not applicable.

Health hazards

Immediate Health Effects: Not applicable.

Chronic effects: Not applicable.

Environmental hazards

Not applicable

Other hazards which do not result in classification

Not applicable

3. Composition/information on Ingredients

Substance

Not classified.

Chemical name	Weight-%	CAS No	IECSC	The Environmental Administration Registration of New Chemical Substances
α -Butyl- ω -[3-[2,2-bis(hydroxymethyl)butoxy]propyl]polydimethylsiloxane	100	218131-11-4		登记证号 T-152371

4. First-aid measures

Description of necessary first aid measures

Inhalation

Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Seek immediate medical attention/advice.

Ingestion Rinse mouth thoroughly with water. Get medical attention.

Most important symptoms/effects, acute and delayed No information available.

For emergency responders See section 8 for more information.

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable Extinguishing Media Dry chemical or CO2. Foam.

Unsuitable extinguishing media Do not use straight streams. Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical No information available.

Hazardous combustion products Silicon dioxide.

Special protective actions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Precautions to prevent secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and Storage

Precautions for safe handling Handle in accordance with good industrial hygiene and safety practice. See Section 8 for information on appropriate personal protective equipment.

Conditions for safe storage, including any incompatibilities Keep containers tightly closed in a cool, well-ventilated place.

Incompatible materials Acids. Alkali.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Note See section 16 for terms and abbreviations

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Monitoring and observation processes

No applicable information was found.

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles. Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear suitable protective clothing. Apron. Long sleeved clothing. Protective shoes or boots.
Hand protection	Wear suitable protective gloves. Rubber gloves.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Color	Transparent pale yellow or colorless
Physical state	Liquid
Odor	Odorless
Odor threshold	No information available

Property

Values

Remarks • Method

pH	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	330 °C	Cleveland Open Cup
Evaporation rate	No data available	
Flammability	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Relative vapor density	1 > (Air=1)	

Relative density	0.98	@ 25 °C
Water solubility	Insoluble in water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	350 mm ² /s	@ 25 °C
Dynamic viscosity	No data available	

Additional information

Explosive properties	No information available
Oxidizing properties	No information available

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Possibility of hazardous reactions It is stable under general handling and storage conditions (40 ° C or less, under atmospheric pressure).

Sensitivity to Mechanical Impact no data available.

Sensitivity to Static Discharge no data available.

Conditions to avoid static discharge (electrostatic discharge). Humidity.

Incompatible materials Acids. Alkali.

Hazardous decomposition products Silicon dioxide, nitrogen oxides and the like may be generated by combustion or thermal decomposition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Numerical measures of toxicity

No information available

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

Specific target organ toxicity (single exposure) No information available.

Specific target organ toxicity (repeated exposure) No information available.

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

<u>Ecotoxicity</u>	The environmental impact of this product has not been fully investigated.
<u>Persistence and degradability</u>	No information available.
<u>Bioaccumulative potential</u>	No information available.
<u>Mobility in soil</u>	No information available.

13. DISPOSAL CONSIDERATIONS

<u>Waste chemicals</u>	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<u>Contaminated packaging</u>	Empty remaining contents. Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

<u>IMDG</u>	Not regulated
<u>IATA</u>	Not regulated

Special precautions for user

Please refer to the applicable dangerous goods regulations for additional information

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National Regulations

The following laws, regulations and standards in China have made corresponding provisions on the safe use, storage, transportation, handling, classification and marking of chemicals:

Series of standards for chemical classification and labeling (GB 30000.2-2013 to GB30000.29-2013).
Regulations on the Safety Management of Hazardous Chemicals (Order No. 591 of the State Council).

Inventory of hazardous chemicals	Not included
List of Dangerous Goods	Included
IECSC	Not included
Inventory of highly toxic goods	Not included
Hazardous chemicals liable to produce explosives	Not included
Classification and Category Inventory of Precursor Chemicals	Not included
List of hazardous chemicals under priority management	Not included
Law of the People's Republic of China on Prevention and Control of Occupational Diseases	Not applicable

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16. Other Information

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Revision Note 1

Abbreviations and acronyms

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

Disclaimer

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End of Safety Data Sheet