

**TSK5422M
Silicone Grease****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufactured By: Momentive Performance Materials

Distributor Information: DC Products Pty Ltd
Unit 117, 45 Gilby Road
Mount Waverley,
VIC 3149 Australia

Contact Person: Viren Kumar
Telephone: +61 3 95588898

Emergency Contact : 61 418529118

Chemical Family/Use: Mixture

Formula:

HMIS
Flammability: 1 Reactivity: 0 Health: 2

NFPA
Flammability: 1 Reactivity: 0 Health: 2

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

CAUTION! May cause eye irritation. May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 10 of MSDS for details.

Form: Solid

Color: Light yellow

Odor: Slight

POTENTIAL HEALTH EFFECTS**INGESTION**

None known.

SKIN

Plant experience has shown that skin hazard is not applicable in this form.

INHALATION

None known.

EYES

May cause mild eye irritation.

MEDICAL CONDITIONS AGGRAVATED

None known.

SUBCHRONIC (TARGET ORGAN)

None known.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

TSK5422M
Silicone Grease**ROUTES OF EXPOSURE**

None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
LITHIUM STEARATE	4485-12-5	10 - 30 %
3-(3,5-DI-TERT-BUTYL-4-HYDRO XYPHENYL)-C7-9-BRANCHED ALKYLPROPIONATE	125643-61-0	1-5%
FATTY ACIDS, LANOLIN, LITHIUM SALTS	68154-72-3	1-5%
<u>B. NON-HAZARDOUS</u>		
Dimethyl diphenylpolysiloxane	68083-14-7	60 - 90 %

4. FIRST AID MEASURES**INGESTION**

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.

INHALATION

Move person to fresh air.

EYES

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

NOTE TO PHYSICIAN

None known.

TSK5422M
Silicone Grease**5. FIRE-FIGHTING MEASURES**

FLASH POINT: > 100 °C; 212 °F
IGNITION TEMPERATURE: 450.00 °C; 842 °F
FLAMMABLE LIMITS IN AIR - LOWER (%): Unknown
FLAMMABLE LIMITS IN AIR - UPPER (%): Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Curing releases vapors which may be harmful. Use only in area provided with appropriate exhaust ventilation. Avoid contact with eyes. Keep away from children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING CONTROLS**

Eyewash stations

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

TSK5422M
Silicone Grease**PROTECTIVE GLOVES**

Cloth gloves.

EYE AND FACE PROTECTION

Safety glasses

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

Component	CAS RN	Source	Value
LITHIUM STEARATE	4485-12-5	ACGIH, TWA	10 mg/m3

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F:	Unknown
VAPOR PRESSURE (20 C) (MM HG):	Unknown
FREEZING POINT:	Unknown
MELTING POINT:	Unknown
PHYSICAL STATE:	Solid Slight
ODOR:	Light yellow
COLOR:	Unknown
SPECIFIC GRAVITY (WATER=1):	Unknown
DENSITY:	Unknown
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	Unknown
VOLATILE ORGANIC CONTENT (VOL):	Insoluble
SOLUBILITY IN WATER (20 C):	Unknown
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):	

10. STABILITY AND REACTIVITY**STABILITY**

Stable

CONDITIONS TO AVOID

Keep away from heat and sources of ignition.

TSK5422M
Silicone Grease

11. TOXICOLOGICAL INFORMATION**ACUTE ORAL**

Remarks: Unknown

ACUTE DERMAL

Remarks: Unknown

ACUTE INHALATION

Remarks: Unknown

SENSITIZATION

No data available

SKIN IRRITATION

No data available

EYE IRRITATION

No data available

MUTAGENICITY

Unknown

OTHER EFFECTS OF OVEREXPOSURE

This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHOD**

Disposal should be made in accordance with federal, state and local regulations.

TSK5422M
Silicone Grease**14. TRANSPORT INFORMATION**

Further Information: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION**Inventories**

TSCA list	y (Positive listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (Positive listing)
Canada NDSL Inventory	n (Negative listing)
EU list of existing chemical substances	n (Negative listing)
Australia Inventory of Chemical Substances (AICS)	y (Positive listing)
Canada DSL Inventory	n (Negative listing)
Korea Existing Chemicals Inventory (KECI)	y (Positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	y (Positive listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information**SARA (311,312) HAZARD CLASS**

Acute Health Hazard

SARA (313) CHEMICALS**Canadian Regulatory Information****WHMIS HAZARD CLASS**

D2B TOXIC MATERIALS

CALIFORNIA PROPOSITION 65

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

TSK5422M
Silicone Grease

16. OTHER INFORMATION**OTHER**

C = ceiling limit NEGL = negligible EST = estimated NF = none found NA = not applicable
UNKN = unknown NE = none established REC = recommended ND = none determined V =
recommended by vendor SKN = skin TS = trade secret R = recommended MST =
mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per
billion By-product = reaction by-product, TSCA inventory status not required under 40 CFR part
720.30(h-2)., These data are offered in good faith as typical values and not as product specifications.
No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe
handling procedures are believed to be generally applicable. However, each user should review these
recommendations in the specific context of the intended use and determine whether they are
appropriate.