

**TSK5411M**  
**Silicone grease****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Manufacturer Name:** 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: 0      Reactivity: 0      Health: 2

**NFPA**

Flammability: 0      Reactivity: 0      Health: 2

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**CAUTION! Irritating to eyes. May cause skin and respiratory irritation.  
Form: Solid      Color: White      Odor: Slight**POTENTIAL HEALTH EFFECTS****INGESTION**

May be harmful if swallowed.

**SKIN**

May cause mild skin irritation.

**INHALATION**

May cause mild respiratory irritation. A dust hazard may be created if, under conditions of use, solid particles are separated from the polymeric matrix.

**EYES**

Causes 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.

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**Silicone grease****ROUTES OF EXPOSURE**

Dermal; Eyes

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
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**A. HAZARDOUS****B. NON-HAZARDOUS**

Polydimethylsiloxane	63148-62-9	60 - 90 %
OCTADECANOIC ACID, 12-HYDROXY-,MONOLITHIUM SALT	7620-77-1	10 - 30 %

**4. FIRST AID MEASURES****INGESTION**

Rinse mouth. If swallowed, observe victim for 24 hours; seek medical attention if indicated.

**SKIN**

Wash off with soap and water. Get medical attention if irritation persists.

**INHALATION**

Move person to fresh air.

**EYES**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**NOTE TO PHYSICIAN**

None known.

**5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	> 200 °C; 392 °F
<b>IGNITION TEMPERATURE:</b>	450.00 °C; 842 °F
<b>FLAMMABLE LIMITS IN AIR - LOWER (%):</b>	Unknown
<b>FLAMMABLE LIMITS IN AIR - UPPER (%):</b>	Unknown

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**Silicone grease****SENSITIVITY TO MECHANICAL IMPACT:** No**SENSITIVITY TO STATIC DISCHARGE**

Sensitivity to static discharge is not expected. Use in a well ventilated area to avoid breathing vapor.,  
Avoid any source of ignition due to flammability.

**EXTINGUISHING MEDIA**

Foam, Carbon dioxide (CO2), Dry chemical

**SPECIAL FIRE FIGHTING PROCEDURES**

Wear suitable protective equipment., Positive pressure, self-contained breathing apparatus., Cool closed containers exposed to fire with water spray.

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

Remove all sources of ignition. Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Increase area ventilation.

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

Use only in well-ventilated areas. Avoid contact with skin and eyes. Keep container tightly closed.  
CAUTION! Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material.

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

Use only in well-ventilated areas.; Eyewash stations

**RESPIRATORY PROTECTION**

Use only in well-ventilated areas. Use approved NIOSH respiratory protection if TLV exceeded or overexposure is likely.

**PROTECTIVE GLOVES**

Rubber or plastics gloves

**EYE AND FACE PROTECTION**

Safety glasses; Monogoggles.

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Wear suitable protective clothing and gloves.

**Exposure Guidelines**

<u>Component</u>	<u>CAS RN</u>	<u>Source</u>	<u>Value</u>
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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**

<b>BOILING POINT - C &amp; F:</b>	Unknown
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	0.14
<b>FREEZING POINT:</b>	Not applicable
<b>MELTING POINT:</b>	Not applicable
<b>PHYSICAL STATE:</b>	Solid Slight
<b>ODOR:</b>	White
<b>COLOR:</b>	1.00
<b>SPECIFIC GRAVITY (WATER=1):</b>	ca. 1.0 g/cm <sup>3</sup>
<b>DENSITY:</b>	Unknown
<b>ACID / ALKALINITY (MEQ/G):</b>	Unknown
<b>pH:</b>	Unknown
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	Insoluble
<b>SOLUBILITY IN WATER (20 C):</b>	Unknown
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	

**10. STABILITY AND REACTIVITY****STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

None known.;

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Avoid contact with acids, bases, or oxidizing agents.

**CONDITIONS TO AVOID**

Keep away from heat and sources of ignition.

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**11. TOXICOLOGICAL INFORMATION****ACUTE ORAL**

Remarks: Unknown

**ACUTE DERMAL**

Remarks: Unknown

**ACUTE INHALATION**

Remarks: Unknown

**OTHER**

None.

**SENSITIZATION**

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

**CHEMICAL FATE**

No data available

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD**

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

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

**16. OTHER INFORMATION****OTHER**

These data are offered in good faith as typical values and not as product specifications. No warranty,

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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., 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).