

**TSK550****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:** Grease  
**Formula:** Polydimethylsiloxane containing vinyl groups with pyrogenic silicic acid.**HMIS**

FLAMMABILITY: 0      Reactivity: 0      Health: 1

**NFPA**

Flammability: 0      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

CAUTION! This product may contain component(s) which could 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.

**Form:** Paste**Color:** White**Odor:** Faint**POTENTIAL HEALTH EFFECTS****INGESTION**

None known.

**SKIN**

None known.

**INHALATION**

None known.

**EYES.**

May cause eye irritation.

**MEDICAL CONDITIONS AGGRAVATED**

None known.

**TSK550****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.

**ROUTES OF EXPOSURE**

Eye

**3. COMPOSITION/INFORMATION ON INGREDIENTS****PRODUCT COMPOSITION****CAS-No.****WGT. %****A. HAZARDOUS****B. NON-HAZARDOUS**

Polydimethylsiloxane	63148-62-9	60 - 100 %
Treated Filler	68909-20-6	10 - 30 %
Silicone resin	110775-80-9	1-5%

**4. FIRST AID MEASURES****SKIN**

Wash with plenty of soap and water.

**NOTE TO PHYSICIAN**

Treatment is symptomatic and supportive.

**5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	220 °C; 428 °F
<b>IGNITION TEMPERATURE:</b>	450 °C; 842 °F
<b>FLAMMABLE LIMITS LEL:</b>	No data available.
<b>FLAMMABLE LIMITS UEL:</b>	No data available.

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**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. Wash walking surfaces with detergent and water to reduce slipping hazard.

**ENVIRONMENTAL PRECAUTIONS**

Prevent runoff from entering drains, sewers, or streams.

## 7. HANDLING AND STORAGE

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

Avoid contact with skin and eyes. Keep out of reach of children. Attention: Not for injection into humans.

**STORAGE**

Keep away from heat, sparks and open flame. Keep container closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS**

Eye wash facilities and emergency shower must be available when handling this product.; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**RESPIRATORY PROTECTION**

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved

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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).

**PROTECTIVE GLOVES**

Chemical resistant gloves

**EYE AND FACE PROTECTION**

Safety glasses with side shields

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

<u>Component</u>	<u>CAS-No.</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; INTL REL - Internal Recommended Exposure Limit

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>VAPOR DENSITY (AIR=1):</b>	No data available.
<b>PHYSICAL STATE:</b>	Paste Faint
<b>ODOR:</b>	White
<b>Color:</b>	Negligible
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	No data available.
<b>SPECIFIC GRAVITY:</b>	No data available.
<b>DENSITY:</b>	No data available.
<b>ACID / ALKALINITY (MEQ/G):</b>	Insoluble
<b>SOLUBILITY IN WATER (20 C):</b>	Insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	

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

Stable

**TSK550****HAZARDOUS POLYMERIZATION.**

Hazardous polymerisation does not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide; Silicon dioxide.; Formaldehyde.; 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.

**INCOMPATIBLE MATERIALS**

None known.

**CONDITIONS TO AVOID**

None known.

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

Remarks: No data available.

**ACUTE DERMAL**

Remarks: No data available.

**ACUTE INHALATION**

Remarks: No data available.

**OTHER**

No data available.

**SENSITIZATION**

No data available.

**SKIN IRRITATION.**

No data available.

**EYE IRRITATION**

No data available.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

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No data available.

**DISTRIBUTION**

No data available.

**CHEMICAL FATE**

No data available.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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

**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. Keep away from foodstuffs and animal feed.

**15. REGULATORY INFORMATION****Inventories**

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

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

**TSK550****US Regulatory Information****SARA (311,312) HAZARD CLASS**  
No SARA Hazards**SARA (313) CHEMICALS****CALIFORNIA PROPOSITION 65**

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

**Canadian Regulatory Information****WHMIS CLASSIFICATION**

- This is not a WHMIS controlled product.

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

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.

,C = ceiling limit	NEGL = negligible
EST = estimated	NF = none found UNKN
NA = not applicable	= 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).