

TSK550

# SAFETY DATA SHEET

## 1. Identification of the hazardous chemical and of the supplier

**Product identifier:** TSK550

**Recommended use of the chemical and restrictions on use**

**Recommended use:** Not available.

**Recommended restrictions:** Not known.

**Details of principal suppliers**

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials (Thailand) Limited  
1/2 Moo 4, Asia Industrial Estate, Rayong, 21130  
Thailand

**Contact person** : commercial.services@momentive.com

**Telephone** : +66-3899 7899

**Telefax** : +66-3899 7888

**Emergency telephone number** : 001 800 120 666 751 / +65 3158 1074

**Responsible Department** : Product Stewardship & Compliance

## 2. Hazard(s) identification

**GHS classification of substance or mixture, and national or regional information :**  
Not classified

**GHS label elements**

**Hazard symbol(s):** No symbol

**Signal Word:** No signal word.

**Hazard Statement(s):** Not applicable

**Precautionary statement(s):** Not applicable

**Other hazards which do not result in GHS classification:** None known.

## 3. Composition and information of the ingredients of the hazardous chemical

**Chemical nature:** Polydimethylsiloxane containing vinyl groups with pyrogenic silicic acid.

**Mixtures**

**Composition Comments:** The components are not hazardous or are below required disclosure limits.

## 4. First-aid measures

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**Description of necessary first-aid measures**

- Inhalation:** If inhaled, move victim to fresh air and seek medical attention.
- Skin Contact:** After contact with skin, remove product mechanically. Get medical attention if symptoms occur. Wash with plenty of soap and water.
- Eye contact:** In the event of contact with the eyes, rinse thoroughly with clean water. Get medical attention if symptoms occur.
- Ingestion** Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed**

- Symptoms:** Treatment is symptomatic and supportive.
- Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

- Treatment:** Treatment is symptomatic and supportive.

**5. Fire-fighting measures**

**General Fire Hazards:** Use standard firefighting procedures and consider the hazards of other involved materials. Remove sources of combustibles. Extinguish the fire using fire-fighting media listed above. Cool surrounding tanks, buildings and so on by spraying with water to prevent the fire extension.  
 The fire fighting should be done from the windward side, with suitable respiratory protective device, if necessary.

**Suitable (and unsuitable) extinguishing media**

- Suitable extinguishing media:** All standard extinguishing agents are suitable.
- Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**Specific hazards arising from the chemical:** In case of fire, carbon monoxide and carbon dioxide may be formed. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**Special protective action for fire fighters**

- Special fire-fighting procedures:** Keep away from sources of ignition - No smoking. To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system.
- Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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**6. Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Keep unprotected persons away. Use personal protective equipment. Remove sources of ignition. Keep upwind.
<b>Environmental Precautions:</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Methods and material for containment and cleaning up:</b>	Sweep up or vacuum up spillage and collect in suitable container for disposal.
<b>Notification Procedures:</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). See Section 8 of the SDS for Personal Protective Equipment.

**7. Handling and storage**

<b>Precautions to ensure safe handling:</b>	Wear suitable protective clothing, gloves and eye/face protection. Keep away from sources of ignition - No smoking. Ground container and transfer equipment to eliminate static electric sparks.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in a dark, cool place indoors, with container tightly closed.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

None of the components have assigned exposure limits.

**Appropriate Engineering Controls:**

Eyewash bottle with clean water. Use only in well-ventilated areas. Observe good industrial hygiene practices. Well-ventilated area.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Safety glasses with side shields

**Skin Protection**

**Hand Protection:** Chemical resistant gloves

**Other:** Wear suitable protective clothing and eye/face protection.

**Respiratory Protection:** Use only in well-ventilated areas.

**Hygiene measures:** Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

**9. Physical and chemical properties**

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**Appearance**

<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	White
<b>Odor:</b>	Faint
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial boiling point and boiling range:</b>	Not applicable
<b>Flash Point:</b>	220 °C
<b>Evaporation rate:</b>	Negligible
<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	No data available.
<b>Flammability limit - lower (%):</b>	No data available.
<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density:</b>	No data available.
<b>Density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	Insoluble
<b>Solubility (other):</b>	Insoluble
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Auto-ignition temperature:</b>	450 °C
<b>Decomposition temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.

**10. Stability and reactivity**

<b>Reactivity:</b>	No dangerous reaction if used as recommended.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	None known.
<b>Incompatible Materials:</b>	The catalysis of strong acids or bases cause polymerization or decomposition.

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**Hazardous Decomposition Products:** Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**11. Toxicological information**

**General information:** Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.

**Information on likely routes of exposure**

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

**Symptoms**

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** No data available.

**Dermal**

**Product:** No data available.

**Inhalation**

**Product:** No data available.

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

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**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information**

**Ecotoxicity**

**Acute hazards to the aquatic environment**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

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**Biodegradation**  
**Product:** No data available.

**BOD/COD Ratio**  
**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**  
**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**  
**Product:** No data available.

**Mobility**  
**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

**13. Disposal information**

**General information:** Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

**Disposal methods**

**Disposal instructions:** Can be incinerated when in compliance with local regulations. Silica particulates are formed on incineration. This material is developed and manufactured for industrial applications only. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. The generation of waste should be avoided or minimized wherever possible. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

**Contaminated Packaging:** No data available.

**14. Transport information**

**ADR**

Not regulated.

**IATA**

Not regulated.

**IMDG**

Not regulated.

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**Special precautions for user:** 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.

**Transport in bulk according to Annex II of MARPOL and the IBC Code**

Not applicable

**15. Regulatory information**

**Malaysia. Medical Surveillance Chemicals, Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health): Schedule 2**

Not Regulated

**Malaysia. Prohibited Use of Substances [Occupational Safety and Health (Prohibition of Use of Substance) Order]**

Not Regulated

**Malaysia. Controlled Precursors Subject to Conditional Exports (Customs (Prohibition of Exports) Order 2017, Second Schedule, as amended)**

Not Regulated

**Malaysia. Controlled Precursors Subject to Conditional Imports (Customs (Prohibition of Imports) Order, Part I of Second Schedule)**

Not Regulated

**Malaysia. CWC. Chemical Weapons Convention Act 2005, (Schedules 1-3)**

Not Regulated

**Malaysia. Ozone Depleting Substances (ODS) (Environmental Quality (Prohibition on the Use of CFC and Other Gases as Propellants and Blowing Agents) Order 1993)**

Not Regulated

**Malaysia. Lists of Halon Management (Environmental Quality (Halon Management) Regulation 1999)**

Not Regulated

**Malaysia. Refrigerant Hazardous Substance (Environmental Quality (Refrigerant Management) Regulation), as amended**

Not Regulated

**Malaysia. Active Ingredients of Pesticide Product (Pesticide Act 1974, First Schedule), as amended**

Not Regulated

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**



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Not applicable

**Inventory Status:**

Australia Industrial Chem. Act (AIC):	Not in compliance with the inventory.	Remarks: None.
Canada DSL Inventory List:	On or in compliance with the inventory	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: On TSCA Inventory

**16. Other information, including date of preparation or last revision**

<b>Issue Date:</b>	2023/03/24
<b>Revision Date:</b>	No data available.No data available.
<b>Version #:</b>	1.1
<b>Source of information:</b>	No data available.
<b>Further Information:</b>	Wear suitable protective clothing, gloves and eye/face protection.

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**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives.

**Further Information**

Wear suitable protective clothing, gloves and eye/face protection. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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