

TSK551

# SAFETY DATA SHEET

## 1 Product and company identification

**Name of chemical (Product name):** TSK551

**Manufacturer** : Momentive Performance Materials Japan LLC  
Akasaka Park Building  
5-2-20 Akasaka, Minato-ku  
Tokyo Japan

**Distributor Information** : DC Products Pty Limited  
Unit 117 45 Gilby Road  
Mount Waverley 3149 Australia

**Contact person** : Viren Kumar

**Telephone** : +61 3 95588898

**Emergency telephone number  
Supplier** : 61 418 529 118

## 2 Hazard(s) identification

**GHS classification:**

**GHS label elements**

**Symbol(s):**

**Signal Word:** none

**Hazard Statement(s):**

**Precautionary Statements**

**Prevention:** not applicable

**Response:** not applicable

**Storage:** not applicable

**Disposal:** not applicable

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

**Main symptoms and emergency overview**

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**Main symptoms:** No data available.

**Emergency Overview:** No data available.

**3 Composition/information on ingredients**

**Chemical nature:** Silicone compound

**Mixtures**

Chemical Identity	CAS number	Concentration*
Silica	Trade secret	10 - 20%
C.I. Pigment Green 7	1328-53-6	0.1 - 1.0%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Trade secret information:** \*\* A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**4 First-aid measures**

**Inhalation:** If inhaled, move victim to fresh air and seek medical attention.

**Eye contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin Contact:** Wash skin thoroughly with soap and water. Get medical attention if symptoms persist.

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water.

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

**Symptoms:** No data available.

**Hazards:** No data available.

**5 Fire-fighting measures**

**Extinguishing media:** Extinguish with foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media:** No data available.

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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. Keep upwind. Remove sources of ignition.
<b>Environmental Precautions:</b>	Prevent runoff from entering drains, sewers, or streams.
<b>Methods or materials for containment and cleaning up:</b>	Put in an empty container for recovery after preventing spill by sand or sandbags, if the amount of spill is large. Put in an empty container for recovery after wiping or soaking up in an inert material, if the amount of spill is small.
<b>Prevention of secondary hazards:</b>	No data available.

**7 Handling and storage**

**Handling**

<b>Technical measures (e.g. Local and general ventilation):</b>	Provide adequate general and local exhaust ventilation. Eyewash bottle with clean water.
<b>Safe handling advice:</b>	"Wear eye, hand and respiratory protection when in handling." Keep away from sources of ignition - No smoking. Ground container and transfer equipment to eliminate static electric sparks.
<b>Contact avoidance measures:</b>	No data available.

**Hygiene measures:** No data available.

**Storage**

<b>Safe storage conditions:</b>	Store in a dark, cool place indoors, with container tightly closed.
<b>Safe packaging materials:</b>	No data available.

**8 Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits:**  
 None known.

**Personal protective equipment (ppe)**

<b>Respiratory Protection:</b>	Use only in well-ventilated areas.
<b>Eye Protection:</b>	Safety goggles

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**Hand Protection:** No data available.

**Skin and Body Protection:** Chemical resistant clothing Wear rubber boots.

**9 Physical and chemical properties**

**Appearance**

<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	Green
<b>Odor:</b>	Faint
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting point/freezing point:</b>	No data available.
<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash Point:</b>	220 °C
<b>Evaporation rate:</b>	No data available.
<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>Density:</b>	No data available.
<b>Vapor density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	No data available.
<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 data available.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.

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**10 Stability and reactivity**

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	No data available.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerisation does not occur.
<b>Conditions to avoid:</b>	Keep away from sources of ignition - No smoking.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	Carbon Monoxide. Carbon dioxide Formaldehyde.

**11 Toxicological information**

**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**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**Japan Society for Occupational Health: Carcinogen:**

No carcinogenic components identified

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**Japan. ISHL Designated Carcinogen:**

No carcinogenic components identified

**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.

<b>12 Ecological information</b>
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**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.

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**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**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.

**Known or predicted distribution to environmental compartments**

Silica No data available.

C.I. Pigment Green 7 No data available.

**Hazardous to the ozone layer:** No data available.

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

<b>13 Disposal considerations</b>
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**General information:** none

**Disposal methods:** This product falls under Industrial Waste based on Wastes Disposal and Public Cleansing Law. Dispose of in accordance with this law and local regulations.  
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**Contaminated Packaging:** No data available.

**14 Transport information**

**International regulations**

**IMDG - International Maritime Dangerous Goods Code**

Not regulated.

**IATA**

Not regulated.

**National Regulations**

**Domestic Standard:** In compliance with domestic law.

**15 Regulatory information**

**Law concerning Pollutant Release and Transfer Register**

**PRTR and Promotion of Chemical Management Law, new regulated substances (Cabinet Order No. 356, 2008):**

**Specified Class 1 substance(s):** not applicable

**Class 1 Substance(s):** not applicable

**Class 2 Substance(s):** not applicable

**Industrial Safety and Health Act:**

**Article 57-2 Regulated Substance(s):** Silica, Copper and it's compound,

**Article 57 Regulated Substance(s) subject to labeling:** Silica,

**ISHL Organic Solvents**

**ISHL Designated or Specified Chemical Substances**

**Poisonous and Deleterious Substances Control Act:**

**Specified poisonous substance(s):**

**Main law:** not applicable

**Cabinet order:** not applicable

**Poisonous Substance(s): Main**

**law:** not applicable **Cabinet**

**order:** not applicable

**Deleterious Substance(s):**



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**Main law:** not applicable  
**Cabinet order:** not applicable

**High Pressure Gas Safety Law**  
not applicable

**Fire Service Law:**  
Designated Combustible Material (Synthetic Resins)  
No fire

**Japan CSCL: Priority Assessment Chemical Substances:** not applicable

**Act on Prevention of Marine Pollution and Maritime Disaster:** not applicable

**Inventory Status**

Australia AICS:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: On TSCA Inventory
Taiwan. Taiwan inventory (CSNN):	y (positive listing)	Remarks: None.

**16 Other Information**

**Revision Information:**  
**Issue Date:** 11/28/2016  
**SDS No.:**

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**Disclaimer:**

**Notice to reader**

This material is developed and manufactured for industrial applications only. For medical or other special applications, use after performing safety testing on the product and confirming safety. Never use for human applications such as implant, impregnation, or where a residue may possibly remain in the body.

**Further Information**

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.

**Literature Reference:** No data available.