

TSK5421L

# SAFETY DATA SHEET

## 1 Product and company identification

Name of chemical (Product name): TSK5421L

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

**Distributor Information** : DC Products Pty Limited  
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Mount Waverley 3149  
Australia

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## 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**

**Composition Comments:** No hazardous ingredients.

**4 First-aid measures**

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

**Eye contact:** Flush thoroughly with water for at least 15 minutes. Get medical assistance.

**Skin Contact:** Wash with plenty of water/... Get medical attention promptly if symptoms occur after washing.

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water. Do not give victim anything to drink if he is unconscious. Get medical attention if any discomfort continues.

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

**Symptoms:** No data available.

**Hazards:** No data available.

**Notes to the physician:** Treatment is symptomatic and supportive.

**5 Fire-fighting measures**

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

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

**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Keep unprotected persons away. Use personal protective equipment. Keep upwind.

**Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.

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<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>	Remove sources of ignition.

<b>7 Handling and storage</b>
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**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 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>Contact avoidance measures:</b>	No data available.
<b>Hygiene measures:</b>	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.

<b>8 Exposure controls/personal protection</b>
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**Control Parameters**

**Occupational Exposure Limits:**  
None known.

**Personal protective equipment (ppe)**

<b>Respiratory Protection:</b>	Not applied
<b>Eye Protection:</b>	Safety glasses with side shields
<b>Hand Protection:</b>	No data available.
<b>Skin and Body Protection:</b>	Chemical resistant clothing Wear rubber boots.

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**9 Physical and chemical properties**

**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>	No data available.
<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash Point:</b>	200 °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>	1.0 g/cm <sup>3</sup> (15 °C)
<b>Vapor 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 data available.
<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 data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.

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<b>Conditions to avoid:</b>	No data available.
<b>Incompatible Materials:</b>	The catalysis of strong acids or bases cause polymerization or decomposition.
<b>Hazardous Decomposition Products:</b>	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**

**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

**Japan. ISHL Designated Carcinogen:**  
No carcinogenic components identified

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**  
No carcinogenic components identified

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**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.

**Aquatic Invertebrates**  
**Product:** No data available.

**Toxicity to Aquatic Plants**  
**Product:** No data available.

**Persistence and Degradability**

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

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**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**

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

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

**13 Disposal considerations**

**General information:** none

**Disposal methods:** This product falls under Industrial Waste (Waste Oil) based on Wastes Disposal and Public Cleansing Law. Dispose of in accordance with this law and local regulations.

**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**

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**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):** None Reported  
**Article 57 Regulated Substance(s) subject to labeling:** None Reported

**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):**  
**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.

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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:** 12/06/2016

**SDS No.:**

**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 safehandling, 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.