



## SAFETY DATA SHEET

**TSK5450**

Version 0.0  
Revision Date 00/00/0000

Print Date 03/31/2011  
000000012986

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name : TSK5450  
Product code : 000000012986  
Manufacturer/Importer/ : Momentive Performance Materials LLC

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. HAZARDS IDENTIFICATION

**GHS Classification:**

Explosives; Classification not possible  
Flammable gas.; Not applicable  
Flammable aerosol.; Not applicable  
Oxidizing gases; Not applicable  
Gases under pressure; Not applicable  
Flammable liquids; Not applicable  
Flammable solid.; Classification not possible  
Self-reactive substances and mixtures; Classification not possible  
Pyrophoric liquids; Not applicable  
Pyrophoric solids; Classification not possible  
Self-heating substances and mixtures; Classification not possible  
Substances and mixtures, which in contact with water, emit flammable gases; Classification not possible  
Oxidizing liquids; Not applicable  
Oxidizing solids; Classification not possible  
Organic peroxides; Classification not possible  
Corrosive to metals; Classification not possible  
Acute toxicity; Classification not possible; Oral  
Acute toxicity; Classification not possible; Dermal  
Acute toxicity; Not applicable; Inhalation - gas  
Acute toxicity; Classification not possible; Inhalation - vapour  
Acute toxicity; Classification not possible; Inhalation - dust and mist



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Skin corrosion/irritation; Classification not possible  
Serious eye damage/eye irritation; Classification not possible  
Respiratory sensitizer; Classification not possible  
Skin sensitizer; Classification not possible  
Germ cell mutagenicity; Classification not possible  
Carcinogenicity; Classification not possible  
Toxic to reproduction; Classification not possible  
Specific target organ toxicity - single exposure; Classification not possible  
Specific target organ toxicity - repeated exposure; Classification not possible  
Aspiration hazard; Classification not possible  
Acute hazards to the aquatic environment; Classification not possible  
Chronic hazards to the aquatic environment; Classification not possible

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Pure substance/mixture**  
Mixture

**Chemical nature**  
Silicone compound

#### Hazardous components

Chemical Name	CAS-No.	ENCS No.	KECI No.	Concentration %
Silica	68909-20-6	(1)-548	KE-34696	1.0 - 10.0
Polypropylene Glycol	25322-69-4	(7)-758	KE-20270	< 0.1

#### Industrial Safety and Health Law

Chemical Name  
Silica

Cabinet Order Number:  
312

### 4. FIRST AID MEASURES

Inhalation : "If inhaled, move victim to fresh air and seek medical attention."  
Skin contact : Wash with plenty of soap and water. Get medical attention if symptoms occur.  
Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.



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Ingestion : Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

### Notes to physician

Most important symptoms/effects, acute and delayed : Treatment is symptomatic and supportive.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Extinguish with foam, carbon dioxide or dry powder.

Special fire fighting procedures : 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.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Remove sources of ignition. Keep upwind. Keep people away from the area.

Methods for cleaning up : 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.

## 7. HANDLING AND STORAGE

### Handling

Advice on safe handling : Product may charge electrostatically during pouring or filling. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing mists or vapors. Provide adequate

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ventilation. Wash hands after handling.

**Storage**

Requirements for storage areas and containers : Store at room temperature in the original container. Keep container closed.

Other data : Stable

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Personal protective equipment**

Respiratory protection : Use only in well-ventilated areas.

Hand protection : Advise: Impermeable or chemical resistant gloves.

Eye protection : Safety glasses with side shields  
Monogoggles

Skin and body protection : Wear suitable protective clothing and eye/face protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.  
When using do not eat, drink or smoke.**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form : Paste

Colour : White

Odour : Faint

**Safety data**

Flash point : &gt;100 °C



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Autoignition temperature : 450 °C  
Density : 1.14 g/cm<sup>3</sup> at 25 °C

### 10. STABILITY AND REACTIVITY

Materials to avoid : The catalysis of strong acids or bases cause polymerization or decomposition.  
Hazardous reactions : Hazardous polymerisation does not occur.

### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : No data available.  
Acute inhalation toxicity : No data available.  
Acute dermal toxicity : No data available.  
Skin irritation : No data available.  
Eye irritation : No data available.  
Sensitization : No data available.  
Mutagenicity : No data available.

**Further information**  
No data available.

### 12. ECOLOGICAL INFORMATION

Ecotoxicological data for this product is not available.

#### **Environmental distribution**

No data available.

Additional ecological information : No data available.



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### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

#### Japan Dangerous Goods Regulatory Information:

JFSL Designated Flammable Substances (Synthetic resins) for 3tons or more., No fire

Not classified as dangerous in the meaning of transport regulations.

### 15. REGULATORY INFORMATION

#### Inventories

Australia Inventory of Chemical Substances (AICS)	y (positive listing)
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.

National legislation

: JFSL Designated Flammable Substances (Synthetic resins) for 3tons or more.



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

**Specified Class 1 substance(s):** :

**Class 1 Substance(s):** :

**Class 2 Substance(s):** :

**Industrial Safety and Health Law:**

**Article 57-2 Regulated Substance(s):** Silica

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

**Marine Pollution Prevention Law:** Polypropylene Glycol

### 16. OTHER INFORMATION

Literature Reference : ACGIH TLV for Chemical Substances  
Chemical safe administration data book (The Chemical Daily Co., Ltd.)

Precautions : 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.

Other precautions : Other (an address, and telephone and fax numbers for information, references) The information herein is made based on references, information and data available at present. It may be revised when new information is available. The descriptions herein are for normal handling. For special applications, make safety provisions suitable to them prior to use. The physical properties and other values indicated on this document are average values expected for the product and are not guarantee.



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### **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.



