

SAFETY DATA SHEET**TSK5200-HIGH VACUUM GREASE**

Version 0.0
Revision date 00/00/0000

Print Date 02/15/2013
000000015172

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

Trade name : TSK5200

Product Code : 000000015172

Company Name : Momentive Performance Materials Japan 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

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; Not classified; 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
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

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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 Component(s)

Chemical name	CAS-No.	ENCS No.	KECI No.	Concentration %
Silica	Trade secret	(1)-548	Trade secret	1.0 - 10.0
Polypropylene Glycol	25322-69-4	(7)-758	KE-20270	0.1 - 1.0

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 promptly if symptoms occur after washing.
Eye contact : Flush thoroughly with water for at least 15 minutes. Get medical assistance.
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.

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.

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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Keep unprotected persons away. Remove sources of ignition. Use personal protective equipment. Keep upwind.
- Environmental precautions : Do not allow runoff to sewer, waterway or ground.
- 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.
- Prevention of secondary hazards : Remove sources of ignition.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : 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. Use only in well-ventilated areas.

Storage

- Requirements for storage areas and containers : Store in a dark, cool place indoors, with container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Provide adequate general and local exhaust ventilation.
Eyewash bottle with clean water.

Personal protective equipment (ppe)

- Respiratory Protection : Not applied
- Hand protection : Advice: Rubber or plastics gloves
- Eye protection : Safety glasses with side shields
- Skin and Body Protection : Chemical resistant clothing
Wear rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	: Paste
Color	: Milky white
Odor	: Faint

Safety data

pH	: No data available.
Melting Point	: No data available.
Boiling point/boiling range	: No data available.
Flash Point	: 100 °C
Autoignition Temperature	: 450 °C
Lower explosion limit	: No data available.
Upper explosion limit	: Not applied
Vapour pressure	: No data available.
Density	: No data available.
Solubility/qualitative	: Insoluble
Water solubility	: Insoluble
Solubility in other solvents	: No data available.
Miscibility with water	: non miscible (<10%)

10. STABILITY AND REACTIVITY

Conditions to avoid	: Keep away from heat, sparks and open flame.
Materials to Avoid	: The catalysis of strong acids or bases cause polymerization or decomposition.
Further Information	: Combustible Flammability

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Hazardous decomposition products : 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.

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**Elimination information (persistence and degradability)**

Persistence and degradability : No data available.
Additional ecological information : Ecotoxicological data for this product is not available.

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

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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.Japan.

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 Law:****Article 57-2 Regulated Substance(s):** silica**Article 57 Regulated Substance(s) subject to labeling:** None Reported**Poisonous and Deleterious Substances Control Law:****Specified poisonous substance(s):****Main law:** : Not Applicable**Cabinet order:** : Not Applicable**Poisonous Substance(s):****Main law:** : Not Applicable**Cabinet order:** : Not Applicable

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000000015172**Deleterious Substance(s):****Main law:** : Not Applicable
Cabinet order: : Not Applicable**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 guaranteed.

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.