

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 Ltd
Unit 117 / 45 Gilby Road, Mount Waverley, VIC 3149, Australia

Contract Person : viren.kumar@dcproducts.com.au
Telephone: +61 3 95588898

Emergency telephone number : +61 418529118
+81-276-31-4118 (night / weekend)

2 Hazard(s) identification

GHS classification:

No classification

GHS label elements:

Pictograms: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

Precautionary Statements:

Prevention: Not applicable
Response : Not applicable
Storage: Not applicable
Disposal: Not applicable

Other hazards which do not result in classification :
none

3 Composition/information on ingredients

Chemical nature: Silicone compound

TSK551

Mixtures

Chemical Identity	CAS number	Concentration*
Octamethylcyclotetrasiloxane	556-67-2	0.1 - 1.0%
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.

4 First-aid measures

- General:** Get medical attention if symptoms occur.
- Inhalation:** If inhaled, move victim to fresh air and seek medical attention.
- Skin Contact:** Wash the skin immediately with 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.
- 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.
- Unusual Fire & Explosion Hazards:** 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 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.
- Protective Measures:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

TSK551

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Keep unprotected persons away. Use personal protective equipment. Remove sources of ignition. Keep upwind.
Environmental Precautions:	No data available.
Methods or materials for containment and cleaning up:	Sweep up or vacuum up spillage and collect in suitable container for disposal.
Prevention of secondary hazards:	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

Handling

Technical measures (e.g. Local and general ventilation):	Provide adequate general and local exhaust ventilation. Eyewash bottle with clean water.
Safe handling advice:	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.
Contact avoidance measures:	Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.
Hygiene measures:	Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

Storage

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

8 Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits:
None known.

Personal protective equipment (ppe)

Respiratory Protection:	Use only in well-ventilated areas.
Hand Protection:	Chemical resistant gloves
Eye Protection:	Safety glasses with side shields
Skin and Body Protection:	Wear rubber boots. Chemical resistant clothing

TSK551

9 Physical and chemical properties

Physical state:	solid
Form:	Paste
Color:	Green
Odor:	Faint
Odor threshold	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flammability	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point	220 °C
Evaporation rate	No data available.
Auto-ignition temperature	450 °C
Decomposition temperature	No data available.
SADT	No data available.
pH	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Solubility(ies)	
Solubility in water:	No data available.
Solubility (other):	Insoluble
Partition coefficient (n-octanol/water)Log Pow	No data available.
Vapor pressure	No data available.
Density	No data available.
Relative density	No data available.
Vapor density	No data available.

10 Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid:	Keep away from sources of ignition - No smoking.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	In case of fire, gives off (emits): 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.

TSK551

11 Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product: Not classified for acute toxicity based on available data.

Components:

Octamethylcyclotetrasiloxane LD 50 (Rat): > 4,800 mg/kg

C.I. Pigment Green 7 No data available.

Dermal

Product: Not classified for acute toxicity based on available data.

Components:

Octamethylcyclotetrasiloxane LD 50 (Rat): > 2,375 mg/kg

C.I. Pigment Green 7 No data available.

Inhalation

Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Octamethylcyclotetrasiloxane OECD-Guideline 405 (Acute Eye Irritation/Corrosion) (Rabbit): Non irritating

C.I. Pigment Green 7 No data available.

Respiratory sensitization

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

TSK551

C.I. Pigment Green 7 No data available.

Skin sensitization

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 No data available.

Carcinogenicity

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 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

Germ Cell Mutagenicity

In vitro

Product: No data available.

Components:

Octamethylcyclotetrasiloxane Ames-Test (OECD-Guideline 471 (Genetic Toxicology: Salmonella typhimurium, Reverse Mutation Assay)): negative (not mutagenic)
Mouse Lymphoma Assay (OECD Guideline 476): negative (not mutagenic)

C.I. Pigment Green 7 No data available.

In vivo

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 No data available.

Reproductive toxicity

Product: No data available.

TSK551

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 No data available.

Aspiration Hazard

Product: No data available.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 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.

Toxicity to Aquatic Plants

Product: No data available.

TSK551

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 No data available.

Toxicity to microorganisms

Product: No data available.

Components

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 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.

Components:

Octamethylcyclotetrasiloxane No data available.

C.I. Pigment Green 7 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 in soil: No data available.

Hazardous to the ozone layer: No data available.

Further Information: No data available.

TSK551

13 Disposal considerations

General information:	The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.
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.
Contaminated Packaging:	Dispose of as unused product.

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.

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 food, drink and animal feeding stuffs.
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15 Regulatory information

Japan CSCL:

Priority Assessment Chemical Substances: Not Regulated

Monitoring Chemical Substances: Not Regulated

Law concerning Pollutant Release and Transfer Register:

Specified Class 1 substance(s): Not Regulated

Class 1 Substance(s): Not Regulated

Class 2 Substance(s): Not Regulated

Industrial Safety and Health Act:

Article 57-2 Regulated Substance(s): COPPER AND COPPER COMPOUNDS;

Article 57 Regulated Substance(s) subject to labeling: Not Regulated

TSK551

**Organic Solvent Regulation
Specified Substances Regulation:**

Not Regulated
Class 1 designated chemical substances:
Not Regulated
Class 2 designated chemical substances:
Not Regulated
Class 3 designated chemical substances:
Not Regulated

Poisonous and Deleterious Substances Control Act:

Specified poisonous substance(s):

Main law: Not Regulated

Cabinet order: Not Regulated

Poisonous Substance(s):

Main law: Not Regulated

Cabinet order: Not Regulated

Deleterious Substance(s):

Main law: Not Regulated

Cabinet order: Not Regulated

Fire Service Law:

Designated Combustible Material (Synthetic Resins)
Keep away from fire

**High Pressure Gas Safety Law:
Act on Prevention of Marine Pollution and Maritime
Disaster:**

Not Regulated
Not Regulated

TSK551

Inventory Status:

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

16 Other Information

Revision Information: ARGLO_INVSTSARGHS_JP
Issue Date: 11/26/2021
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 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.