

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
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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

Main symptoms: No data available.

Emergency Overview: No data available.

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3 Composition/information on ingredients

Chemical nature: Silicone compound

Mixtures

Chemical Identity	CAS number	Concentration*
C.I. Pigment Green 7	1328-53-6	0.1 - 1.0%
Octamethylcyclotetrasiloxane	556-67-2	>=0.1 - <=1%

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

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 the skin immediately with soap and 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.

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.

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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Protective Measures: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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: No data available.

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: No data available.

Hygiene measures: No data available.

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: Not applied Use only in well-ventilated areas.

Eye Protection: Safety glasses with side shields

Hand Protection: Chemical resistant gloves

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

9 Physical and chemical properties

Appearance

Physical state:	solid
Form:	Paste
Color:	Green
Odor:	Faint
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	220 °C
Evaporation rate:	No data available.
Flammability (solid, gas):	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.
Vapor pressure:	No data available.
Density:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies)	
Solubility in water:	No data available.
Solubility (other):	Insoluble
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	450 °C
Decomposition temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	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 polymerisation does not occur.

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Conditions to avoid:	Keep away from sources of ignition - No smoking.
Incompatible Materials:	No data available.
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.

11 Toxicological information

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product:	No data available.
Specified substance(s): Octamethylcyclotetrasiloxane	LD 50 (Rat: 4,800 mg/kg (OECD-Guideline 401 (Acute Oral Toxicity)) Not classified

Dermal

Product:	No data available.
Specified substance(s): Octamethylcyclotetrasiloxane	LD 50 (Rat: > 2,400 mg/kg (OECD Test Guideline 402) Not classified

Inhalation

Product:	No data available.
Specified substance(s): Octamethylcyclotetrasiloxane	LC50 (Rat, 4 h): 36 mg/l (OECD Test Guideline 403)

Repeated dose toxicity

Product:	No data available.
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Skin Corrosion/Irritation

Product:	No data available.
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Serious Eye Damage/Eye Irritation

Product:	No data available.
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Respiratory or Skin Sensitization

Product:	No data available.
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Carcinogenicity

Product:	No data available.
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Japan Society for Occupational Health: Carcinogen:

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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.

Specified substance(s):

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)

In vivo

Product: No data available.

Specified substance(s):

Octamethylcyclotetrasiloxane
Chromosomal aberration (OECD-Guideline 474 (Genetic Toxicology: Micronucleus Test)) Inhalation (Rat, male and female): negative

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.

12 Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

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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.

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

C.I. Pigment Green 7 No data available.

Octamethylcyclotetrasiloxane No data available.

Hazardous to the ozone layer: No data available.

Other adverse effects: No data available.

13 Disposal considerations

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: No data available.

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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): Copper and it's compound,
Article 57 Regulated Substance(s) subject to labeling: None Reported

ISHL Organic Solvents

Not applicable

ISHL Designated or Specified Chemical Substances

Not applicable

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

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Fire Service Law:

Designated Combustible Material (Synthetic Resins)
 No fire

Japan CSCL: Priority Assessment Chemical Substances: Not applicable

Monitoring Chemical Substances: Not applicable

Act on Prevention of Marine Pollution and Maritime Disaster: Not applicable

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_INVSTS
Issue Date: 11/23/2018
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 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.