

SAFETY DATA SHEET

1 Product and company identification Name of chemical (Product : YG6240

name) Manufacturer/Importer/Distr ibutor Information	:	Momentive Performance Materials Japan LLC Akasaka Park Building 5-2-20 Akasaka, Minato-ku Tokyo Japan
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	:	+81-276-31-4118 (night / weekend) Product Stewardship & Compliance Group

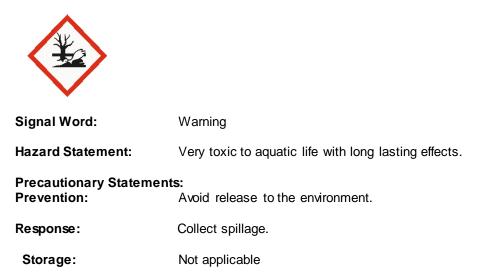
2 Hazard(s) identification

GHS classification:

Environmental Hazards:	
Acute hazards to the aquatic environment	Category 1
Chronic hazards to the aquatic environment	Category 1

GHS label elements:

Pictograms:





Disposal:	Dispose of contents/container to an appropriate treatment and disposal
	facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in classification: none

3	Composition/information on ingredients

Chemical nature: Silicone compound

Mixtures

Chemical Identity	CAS number	Concentration*
Zinc oxide	1314-13-2	60 - 70%

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

4 First-aid measures		
Inhalation:	Move to fresh air. Get medical attention if symptoms persist.	
Skin Contact:	Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.	
Eye contact:If in eyes, hold eyes open, flood with water for at least 15 minutes a doctor.		
Ingestion:	If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice. Never give liquid to an unconscious person.	
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.	

6 Accidental release measures

Personal precautions,	Keep unprotected persons away. Remove sources of ignition. Use personal
protective equipment and	protective equipment. Keep upwind.
emergency procedures:	



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Environmental Precautions:	Do not allow runoff to sewer, waterway or ground.
Methods or materials for containment and 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	2

Handling

Technical measures (e.g. Local and general ventilation):	Provide adequate ventilation. Provide eyewash station and safety shower.
Safe handling advice:	Use only in well-ventilated areas. Wear appropriate personal protective equipment.
Contact avoidance measures:	Eyewash bottle with clean water. Use only in well-ventilated areas. When using do not eat, drink or smoke. Wear suitable gloves and eye/face protection.
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:

Chemical name	Туре	Exposure Limit Values	Regulation Sources
Zinc oxide - Respirable dust.	TWA	1 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2014)
Zinc oxide - Total dust.	TWA	4 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2014)
Zinc oxide - Dust.	τιν	0.025 mg/m3	Japan. OELs - ISHL. (Workplace Environment Assessment Standards), as amended (04 2020)

Personal protective equipment (ppe)

Respiratory Protection:

No protection is ordinarily required under normal conditions of use and with adequate ventilation.



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Hand Protection:	Chemical resistant gloves
Eye Protection:	Safety glasses with side shields
Skin and Body Protection:	Chemical resistant clothing Wear rubber boots.

9 Physical and chemical properties

Physical state:	solid
Form:	Paste
Color:	White
Odor:	Odorless
Odor threshold	No data available.
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flammability	No data available.
Upper/lower limit on flammability or explosiv	e 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	320 °C
Evaporation rate	No data available.
Auto-ignition temperature	450 °C
Decomposition temperature	No data available.
SADT	No data available.
рН	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	Insoluble
Partition coefficient (n-octanol/water)Log Pow	No data available.
Vapor pressure	No data available.
Density	2.46 g/cm3 (25 °C)
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:	None known.



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Incompatible Materials:	The catalysis of strong acids or bases cause polymerization or decomposition.
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 SDS for formaldehyde is available from Momentive.

11 Toxicological information

Acute toxicity (list all possible routes of exposure)		
Oral Product:	Not classified for acute toxicity based on available data.	
Components: Zinc oxide	LD 50 (Rat): > 5,000 mg/kg	
Dermal Product:	Not classified for acute toxicity based on available data.	
Components: Zinc oxide	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: Zinc oxide	(Rabbit): No skin irritation	
Serious Eye Damage/Eye Irritati Product:	on No data available.	
Components: Zinc oxide	(Rabbit): slightly irritating (not classified according to the German Dangerous Substances legislation) No data available.	
Respiratory sensitization Product:	No data available.	
Components: Zinc oxide	No data available.	
Skin sensitization		



Product:	No data available.
Components: Zinc oxide	No data available.
Carcinogenicity Product:	No data available.
Components: Zinc oxide	No data available.
Japan Society for Occupa	ational 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: Zinc oxide	No data available.
In vivo Product:	No data available.
Components: Zinc oxide	No data available.
Reproductive toxicity Product:	No data available.
Components: Zinc oxide	No data available.
Specific Target Organ To Product:	xicity - Single Exposure No data available.
Components: Zinc oxide	No data available.
Specific Target Organ To Product:	xicity - Repeated Exposure No data available.
Components: Zinc oxide	No data available.
Aspiration Hazard Product:	No data available.
Components: Zinc oxide	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.
Components: Zinc oxide	No data available.
Toxicity to microorganisms Product:	No data available.
Components Zinc oxide	EC0 (Pseudomonas aeruginosa): 500 mg/l
Chronic hazards to the aquat	tic environment
Fish Product:	No data available.
Aquatic Invertebrates Product:	No data available.
Toxicity to Aquatic Plants Product:	No data available.
Components: Zinc oxide	No data available.
Persistence and Degradability	
Biodegradation Product:	No data available.
BOD/COD Ratio Product:	No data available.
Bioaccumulative potential Bioconcentration Factor (B Product:	CF) No data available.



Partition Coefficient n-octan Product:	ol / water (log Kow) No data available.
Mobility in soil:	No data available.
Hazardous to the ozone layer:	No data available.
Further Information:	No data available.

13 Disposal consideration	IS
General information:	none
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

UN number or ID number Proper Shipping Name Class Packing Group Label(s) Subsidiary risk label Marine Pollutant	UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(zinc oxide) 9 III 9
EmS No.	F-A; S-F
ΙΑΤΑ	
UN number or ID number: Proper Shipping Name:	UN 3077 Environmentally hazardous substance, solid, n.o.s.(zinc oxide)
Transport Hazard Class(es): Class: Label(s):	9 9MI
Packing Group: Environmental Hazards:	III Environmentally hazardous

Marine Pollutant: Yes National Regulations

Domestic Standard: In compliance with domestic law.

15 Regulatory information

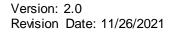


Japan CSCL:

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Priority Assessment Chemical Substances:	Not Regulated
Monitoring Chemical Substances:	Not Regulated
Law concerning Pollutant Release and Transfer Registe	er:
Specified Class 1 substance(s):	Not Regulated
Class 1 Substance(s): Class 2 Substance(s):	Not Regulated Not Regulated
Industrial Safety and Health Act:	
Article 57-2 Regulated Substance(s):	ZINC OXIDE;
Article 57 Regulated Substance(s) subject to labeling:	ZINC OXIDE
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:	Not Regulated
Poisonous and Deleterious Substances Control Act: Specified poisonous substance(s):	Not Regulated
	Not Regulated
Specified poisonous substance(s):	
Specified poisonous substance(s): Main law:	Not Regulated
Specified poisonous substance(s): Main law: Cabinet order:	Not Regulated
Specified poisonous substance(s): Main law: Cabinet order: Poisonous Substance(s):	Not Regulated Not Regulated
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Specified poisonous substance(s): Main law: Cabinet order: Poisonous Substance(s): Main law: Cabinet order:	Not Regulated Not Regulated

 Fire Service Law:
 Designated Combustible Material (Synthetic Resins)

 Keep away from fire
 Keep away from fire





High Pressure Gas Safety Law:		Not Regulated	
Act on Prevention of Marine Pollutio Disaster:	n and Maritime	Not Regulated	
Inventory Status: Australia AICS: EU EINECS List: Japan (ENCS) List: China Inventory of Existing Chemical Substances: Korea Existing Chemicals Inv. (KECI): Canada DSL Inventory List: Canada NDSL Inventory: Philippines PICCS: US TSCA Inventory: Taiwan. Taiwan inventory (CSNN):	y (positive listing) y (positive listing)		Remarks: None. Remarks: None. Remarks: None. Remarks: None. Remarks: None. Remarks: None. Remarks: None. Remarks: None. Remarks: On TSCA Inventory Remarks: None.

16 Other Information

Revision Information:	ARGHS_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 warrantyor 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.