

SSG4400(A)\*

# SAFETY DATA SHEET

## 1 Product and company identification

**Name of chemical (Product name)** : SSG4400(A)\*  
**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials Japan LLC  
Akasaka Park Building  
5-2-20 Akasaka, Minato-ku  
Tokyo Japan  
**Contact person** : commercial.services@momentive.com  
**Telephone** : +81-3-5544-3100  
**Telefax** : +81-3-5544-3101  
**Emergency telephone number** : +81-3-5544-3111  
+81-276-31-4118 (night / weekend)  
**Responsible Department** : Product Stewardship & Compliance Group

## 2 Hazard(s) identification

**GHS classification:**

No classification

**GHS label elements:**

**Pictograms:** No symbol  
**Signal Word:** none  
**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 GHS classification:** None.

## 3 Composition/information on ingredients

**Chemical nature:** Silicone compound

**SSG4400(A)\***

**Mixtures**

**Composition Comments:** No hazardous ingredients.

**Composition Comments:** No hazardous ingredients.

**4 First-aid measures**

**General:** Get medical attention if symptoms occur.

**Inhalation:** Move into fresh air and keep at rest. Get medical attention if symptoms occur.

**Skin Contact:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.

**Eye contact:** Get medical attention if symptoms occur. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**Ingestion:** DO NOT induce vomiting. Get medical attention immediately. Do not give victim anything to drink if he is unconscious. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Hazards:** No information about adverse effects due to exposure.

**Notes to the physician:** There is no specific antidote. Treatment is symptomatic and supportive.

**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, 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 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:** No data available.

**SSG4400(A)\***

**7 Handling and storage**

**Handling**

**Technical measures (e.g. Local and general ventilation):** Provide adequate general and local exhaust ventilation. Eye washes and showers for emergency use.

**Safe handling advice:** "Wear eye, hand and respiratory protection when in handling." Keep away from sources of ignition - No smoking. Ground container and transfer equipment to eliminate static electric sparks.

**Contact avoidance measures:** General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

**Hygiene measures:** Observe good industrial hygiene practices. Wash hands after handling. When using do not eat, drink or smoke. Provide adequate ventilation.

**Storage**

**Safe storage conditions:** Store in a dark, cool place indoors, with container tightly closed.

**Safe packaging materials:** Keep container tightly closed.

**8 Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits:**

Chemical name	Type	Exposure Limit Values	Regulation Sources
Calcium Carbonate - Dust.	TLV	0.025 mg/m3	Japan. OELs - ISHL. (Workplace Environment Assessment Standards), as amended (04 2020)
Calcium Carbonate - Total dust.	TWA	8 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2021)
	TWA	8 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2021)
	TWA	4 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2021)
Calcium Carbonate - Respirable dust.	TWA	1 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2021)
	TWA	2 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2021)
	TWA	2 mg/m3	Japan. OELs - JSOH (Recommendation of Occupational Exposure Limits), as amended (05 2021)

**SSG4400(A)\***

Chemical name	Type	Exposure Limit Values	Regulation Sources
			as amended (05 2021)

This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

**Personal protective equipment (ppe)**

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

**9 Physical and chemical properties**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Odor threshold</b>	No data available.
<b>Melting point/freezing point</b>	No data available.
<b>Initial boiling point and boiling range</b>	Not determined.
<b>Flammability</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	No data available.
<b>Flammability limit - lower (%):</b>	No data available.
<b>Explosive limit - upper:</b>	No data available.
<b>Explosive limit - lower:</b>	No data available.
<b>Flash Point</b>	240 °C
<b>Evaporation rate</b>	No data available.
<b>Auto-ignition temperature</b>	450 °C
<b>Decomposition temperature</b>	No data available.
<b>SADT</b>	No data available.
<b>pH</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	Insoluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water)Log Pow</b>	No data available.
<b>Vapor pressure</b>	No data available.
<b>Density</b>	ca. 1.4 g/cm <sup>3</sup> (23 °C)
<b>Relative density</b>	No data available.
<b>Vapor density</b>	No data available.
<b>MSDS_JP</b>	

**SSG4400(A)\***

**10 Stability and reactivity**

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	Keep away from heat, sparks and open flame.
<b>Incompatible Materials:</b>	The catalysis of strong acids or bases cause polymerization or decomposition.
<b>Hazardous Decomposition Products:</b>	Carbon Monoxide. Carbon dioxide Silicon dioxide. 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**

**General information:** This product is not tested.

**Acute toxicity (list all possible routes of exposure)**

**Oral Product:** No data available.  
Not classified for acute toxicity based on available data.

**Dermal Product:** No data available.  
Not classified for acute toxicity based on available data.

**Inhalation Product:** No data available.  
Not classified for acute toxicity based on available data.

**Repeated dose toxicity Product:** No data available.

**Skin Corrosion/Irritation Product:** No data available.

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

**Respiratory sensitization Product:** No data available.

**Skin sensitization Product:** No data available.

**Carcinogenicity**

**SSG4400(A)\***

**Product:** 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.

**In vivo**

**Product:** No data available.

**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.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Toxicity to microorganisms**

**Product:** No data available.

**Chronic hazards to the aquatic environment**

**Fish**

**Product:** No data available.

**SSG4400(A)\***

**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 in soil:** No data available.

**Hazardous to the ozone layer:** Not Regulated

**Further Information:** No data available.

**13 Disposal considerations**

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

**Disposal methods:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:** Dispose of as unused product.

**14 Transport information**

**International regulations**

**IATA**

Not regulated.

**IMDG Code**

Not regulated.

**National Regulations**

**Domestic Standard:** In compliance with domestic law.

**SSG4400(A)\***

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
Product is not transported in bulk.

**15 Regulatory information**

**Japan CSCL:**

**Priority Assessment Chemical Substances:** Not Regulated

**Monitoring Chemical Substances:** Not Regulated

**Law concerning Pollutant Release and Transfer Register:**

**Until March 31st, 2023**

**Specified Class 1 substance(s):** Not regulated.

**Class 1 Substance(s):** Not regulated.

**Class 2 Substance(s):** Not regulated.

**From April 1st, 2023**

**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):** Not Regulated

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

**Organic Solvent Regulation** Not Regulated  
**Specified Substances Regulation:**  
**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



**SSG4400(A)\***

**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:** Group 4: Flammable liquids, Type 4 petroleums  
Hazardous rank III  
Keep away from fire

**High Pressure Gas Safety Law:** Not Regulated

**Act on Prevention of Marine Pollution and Maritime Disaster:** Not Regulated

**Inventory Status:**

Australia AICS:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	y (positive listing)	Remarks: None.
China Inventory of Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: On TSCA Inventory
Taiwan. Taiwan inventory (CSNN):	y (positive listing)	Remarks: None.
New Zealand Inventory of Chemicals:	y (positive listing)	Remarks: None.
REACH:	If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.	

**SSG4400(A)\***

**16 Other Information**

**Revision Information:** ARGHS\_JP  
**Issue Date:** 07/07/2023  
**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.