

SSG4400A

SAFETY DATA SHEET

1 Product and company identification

Name of chemical (Product name): SSG4400A

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:

Physical Hazards	Explosives	Classification not possible
	Flammable gas	Not applicable
	Chemically unstable gases	Not applicable
	Aerosols	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 metal	Classification not possible
Health Hazards	Acute toxicity (Oral)	Not classified
	Acute toxicity (Dermal)	Not classified
	Acute toxicity (Inhalation - gas)	Not applicable
	Acute toxicity (Inhalation - vapor)	Not classified
	Acute toxicity (Inhalation - dust and mist)	Not classified
	Skin Corrosion/Irritation	Classification not possible
	Serious Eye Damage/Eye Irritation	Classification not possible
	Respiratory sensitizer	Classification not possible
	Skin sensitizer	Classification not possible

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	Germ Cell Mutagenicity	Classification not possible
	Carcinogenicity	Classification not possible
	Toxic to reproduction	Classification not possible
	Specific Target Organ Toxicity - Single Exposure	Classification not possible
	Specific Target Organ Toxicity - Repeated Exposure	Not classified
	Aspiration Hazard	Not applicable
Environmental Hazards	Acute hazards to the aquatic environment	Not classified
	Chronic hazards to the aquatic environment	Not classified
	Hazardous to the ozone layer	Not classified

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.

3 Composition/information on ingredients

Chemical nature: Silicone compound

Mixtures

Composition Comments: No hazardous ingredients.

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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.
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.

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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
Eye Protection:	Safety glasses with side shields
Hand Protection:	No data available.
Skin and Body Protection:	Wear rubber boots. Chemical resistant clothing

9 Physical and chemical properties

Appearance

Physical state:	solid
Form:	solid
Color:	White
Odor:	Faint
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	< -40 °C
Initial boiling point and boiling range:	Not applicable
Flash Point:	142.2 °C (Closed Cup)
Evaporation rate:	No data available.

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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:	ca. 1.4 g/cm ³
Vapor density:	No data available.
Relative density:	ca. 1.4
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	No data available.
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 data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	None known.
Incompatible Materials:	The catalysis of strong acids or bases cause polymerization or decomposition.
Hazardous Decomposition Products:	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 MSDS for formaldehyde is available from Momentive.

11 Toxicological information

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Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

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

Dermal

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

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.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

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.

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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.

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 K_{ow})

Product: No data available.

Mobility

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Hazardous to the ozone layer: No data available.

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Other adverse effects: No data available.

13 Disposal considerations

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: No data available.

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): None Reported

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:

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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

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:	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
EU EINECS List:	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 NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: None.
New Zealand Inventory of Chemicals:	y (positive listing)	Remarks: None.
Taiwan Chemical Substance Inventory:	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.	Remarks: None.

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16 Other Information

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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.