



SAFETY DATA SHEET

XC99-A8808CA

Version 0.0
Revision Date 00/00/0000

Print Date 05/25/2011
000000021863

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name : XC99-A8808CA
Product code : 000000021863

Company Name : Momentive Performance Materials Japan LLC
Street address : 133,Nishi-shinmachi,Ohta-shi,Gunma,Japan
Responsible Department : Product Stewardship & Compliance Group
Prepared by : Product Stewardship & Compliance
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2. HAZARDS IDENTIFICATION

GHS Classification:

Explosives; Classification not possible
Flammable gas.; Not applicable
Flammable aerosol.; 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 metals; Classification not possible
Acute toxicity; Not classified; Oral
Acute toxicity; Classification not possible; Dermal
Acute toxicity; Not applicable; Inhalation - gas
Acute toxicity; Classification not possible; Inhalation - vapour
Acute toxicity; Classification not possible; Inhalation - dust and mist



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Skin corrosion/irritation; Not classified
Serious eye damage/eye irritation; Not classified
Respiratory sensitizer; Classification not possible
Skin sensitizer; Classification not possible
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; Classification not possible
Aspiration hazard; Classification not possible
Acute hazards to the aquatic environment; Classification not possible
Hazardous to the aquatic environment — Chronic Hazard; Classification not possible

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture

Pure

Chemical nature

Methyl silsesquioxane

4. FIRST AID MEASURES

Inhalation : "If inhaled, move victim to fresh air and seek medical attention."
Skin contact : Wash with plenty of soap and water. Get medical attention if symptoms occur.
Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion : Do NOT induce vomiting. Rinse mouth. Consult a physician for specific advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Extinguish with foam, carbon dioxide or dry powder.
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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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Keep people away from the area. Remove sources of ignition. Wear proper protective equipment when in work. Put in an empty container for recovery and wash with soap and water. Avoid dust formation.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Avoid dust formation. Avoid contact with eyes.

Storage

Requirements for storage areas and containers : Store without direct rays of the sun, high temperature and humidity, container should be tightly closed.

Other data : Material is stable under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Provide adequate general and local exhaust ventilation.
Eyewash bottle with clean water.

Personal protective equipment

Respiratory protection : Use specified dust masks.

Hand protection : Advice: Rubber or plastics gloves

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : Chemical resistant clothing
Wear rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

| | |
|--------|------------|
| Form | : powder |
| Colour | : White |
| Odour | : Odorless |

Safety data

| | |
|------------------------------|-------------------------------------|
| pH | : No data available. |
| Melting Point | : Melting point (°C) Not applied |
| Boiling point/boiling range | : Not applied |
| Flash point | : Not applicable |
| Autoignition temperature | : Not applied |
| Lower explosion limit | : Not applicable |
| Upper explosion limit | : Not applicable |
| Vapour pressure | : No data available. |
| Density | : 1.32 g/cm ³ at 25 °C |
| Solubility/qualitative | : Insoluble |
| Water solubility | : immiscible |
| Solubility in other solvents | : No data available. |
| Relative vapour density | : Negligible |
| Miscibility with water | : immiscible |



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10. STABILITY AND REACTIVITY

- Materials to avoid : No data available.
- Further information : Material is stable under normal conditions.
- 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 MSDS for formaldehyde is available from Momentive.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50 Rabbit male and female
Dose: > 6,000 mg/kg
- Acute inhalation toxicity : No data available.
- Acute dermal toxicity : No data available.
- Skin irritation. : Rabbit
Classification: No skin irritation
- Eye irritation : Rabbit
Classification: No eye irritation
- Sensitization : Magnusson-Kligmann Guinea Pig
Result: negative
Classification: Did not cause sensitization on laboratory animals.
- Acute toxicity (other routes of administration) : No data available.
- Mutagenicity : Salmonella/Microsome-test: No indication of mutagenic effects.



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12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Persistence and degradability : No data available.
Additional ecological information : Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

Product : This product falls under Industrial Waste based on Wastes Disposal and Public Cleansing Law. Dispose of in accordance with this law and local regulations.

14. TRANSPORT INFORMATION

Japan Dangerous Goods Regulatory Information:

Not Dangerous substance under JFSL

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Inventories

| | |
|--|----------------------|
| Australia Inventory of Chemical Substances (AICS) | y (positive listing) |
| EU list of existing chemical substances | y (positive listing) |
| Japan Inventory of Existing & New Chemical Substances (ENCS) | y (positive listing) |
| China Inventory of Existing Chemical Substances | y (positive listing) |
| Korea Existing Chemicals Inventory (KECI) | y (positive listing) |
| Canada DSL Inventory | y (positive listing) |
| Canada NDSL Inventory | n (Negative listing) |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | y (positive listing) |



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TSCA list y (positive listing) On TSCA Inventory
For inventories that are marked as quantity restricted or special cases, please contact
Momentive.

National legislation

: Not Dangerous substance under JFSL

**PRTR and Promotion of Chemical Management Law, new regulated substances (Cabinet
Order No. 356, 2008):**

**Specified Class 1
substance(s):** :

Class 1 Substance(s): :

Class 2 Substance(s): :

Industrial Safety and Health Law:

Article 57-2 Regulated Substance(s): None Reported

Article 57 Regulated Substance(s) subject to labeling: None Reported

16. OTHER INFORMATION

Literature Reference : ACGIH TLV for Chemical Substances
Chemical safe administration data book (The Chemical Daily
Co., Ltd.)

Precautions : 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.

Other precautions : Other (an address, and telephone and fax numbers for
information, references) The information herein is made based
on references, information and data available at present. It may
be revised when new information is available. The descriptions
herein are for normal handling. For special applications, make
safety provisions suitable to them prior to use.
The physical properties and other values indicated on this
document are average values expected for the product and are
not guaranteed.



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Further information

"Wear eye, hand and respiratory protection when in handling."

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.