

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

Trade name : TOSPEARL 240*

Product code : M00000007013

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
Telephone : 81-276-31-1468
Telefax : 81-276-31-3061
Emergency contact : Product Stewardship & Compliance Group
Telephone 81-276-31-1468
night / 81-276-31-4118
weekend
Telefax 81-276-31-3061

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



SAFETY DATA SHEET

TOSPEARL 240*

Version 0.0
Revision Date 00/00/0000

Print Date 03/30/2012
M00000007013

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
Chronic hazards to the aquatic environment; 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, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Ingestion : Induce vomiting immediately and call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : foam, powder, carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Keep people away from the area. Remove sources of ignition. Avoid dust formation. Use personal protective equipment.
- Environmental precautions : No special environmental precautions required.
- Methods for cleaning up : Pick up and arrange disposal without creating dust. Wipe, scrape or soak up in an inert material and put in a container for disposal.

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.
- Further information on storage conditions : No data available.
- Other data : Material is stable under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering measures**

Well ventilated area
Eyewash stations

Personal protective equipment

- Respiratory protection : Mask for dust
- Hand protection : Advise: Rubber or plastics gloves
- Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : Rubber boots and protection.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : powder
Colour : White
Odour : Odorless

Safety data

pH : No data available.
Melting point : Melting point/range
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 applied
Vapour pressure : No data available.
Density : 1.3 g/cm³ at 25 °C
Solubility/qualitative : Insoluble
Water solubility : immiscible
Solubility in other solvents : No data available.
Miscibility with water : immiscible

10. STABILITY AND REACTIVITY

- Materials to avoid : No data available.
- Further information : Material is stable under normal conditions.
- Hazardous decomposition products : May generate formaldehyde at temperatures greater than 150 C(300 F). See Section 10 of MSDS for details.

11. TOXICOLOGICAL INFORMATION

- Oral : LD50 Rabbit male and female
Little harmful to health if swallowed. Dose: > 6,000 mg/kg
- Acute oral toxicity
- Inhalation : No data available.
Little hazard to respiratory tract if inhaled.
- Acute inhalation toxicity
- Dermal / Skin irritation : No data available.
May cause skin irritation.
- Acute dermal toxicity
- 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.

Further information

Human Patch Test : 1) Closed method : no irritation(applied for 48h/Naked eye observation) 2)
Open method : no irritation(applied for 24h/Naked eye observation) possible
irritation(applied for 24h/Microscope observation)

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 : Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION**Japan Dangerous Goods Regulatory Information:**

Not Dangerous substance under JFSL

Further Information : This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

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)



SAFETY DATA SHEET

TOSPEARL 240*

Version 0.0
Revision Date 00/00/0000

Print Date 03/30/2012
M00000007013

Philippines Inventory of Chemicals and Chemical Substances (PICCS) y (positive listing)
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 JFSLJapanese ISHL MSDS required substances, Not appliedJapan. PRTR Substances, Not applied.

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

Poisonous and Deleterious Substances Control Law:

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

Fire Service Law:

Remarks: : Not determined.

High Pressure Gas Safety Law
High Pressure Gases, Article 2: Not Applicable
Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances.: Not Applicable

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



SAFETY DATA SHEET

TOSPEARL 240*

Version 0.0
Revision Date 00/00/0000

Print Date 03/30/2012
M00000007013

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.