

SAFETY DATA SHEET**TOSPEARL120CA**

Version 1.0
Revision date 2014/09/10

Print Date 2014/09/11
000000017638

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

Product name : TOSPEARL120CA

Product Code : 000000017638

Recommended use of the chemical and restrictions on use : Industrial use, Cosmetic ingredient

Company Name : Momentive Performance Materials Japan LLC

Street address : 5-2-20 Akasaka, 19F Akasaka Park Bldg, Minato-ku,, 1076119 , Japan

Responsible Department : Product Stewardship & Compliance Group

Prepared by : Product Stewardship & Compliance

Telephone : 862138604500

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Emergency Contacts : **+86-532-8388-9090 (National Registration Center for Chemicals, SAWS)**
+86-10-5100-3039 (CareChem24)

Product Stewardship & Compliance Group : Productstewardship-GC@momentive.com

2. HAZARDS IDENTIFICATION

GHS classification : Not classified according to criteria

Summary of emergency:

Inhalation : Little hazard to respiratory tract if inhaled.

Skin : May cause skin irritation.

Ingestion : Little harmful to health if swallowed.

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.
Eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion : Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

Notes to the physician

- Most important symptoms/effects, acute delayed : Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Extinguish with foam, carbon dioxide or dry powder.
Special fire fighting procedures : Material will not burn.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Keep unprotected persons away. Remove sources of ignition. Use personal protective equipment.
Methods for cleaning up : Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Handling

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

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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.

Respiratory Protection : Use specified dust masks.

Hand protection : Advice: Rubber or plastics gloves

Skin and Body Protection : Chemical resistant clothing
Wear rubber boots.

Hygiene measures : Observe good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : powder

Color : White

Odor : Odorless

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 applied

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Vapour pressure : No data available.

Density : 1.32 g/cm³
at 25 °C

Solubility/qualitative : Insoluble

Water solubility : immiscible

Solubility in other solvents : No data available.

Relative Vapor Density : Negligible

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 : 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 : Species: Rat
male and female
LD50: > 6,000 mg/kg

Acute inhalation toxicity : No data available.

Acute dermal toxicity : No data available.

Skin irritation. : Species: Rabbit
Exposure time: 4 h
Classification: No skin irritation

Eye irritation : Species: Rabbit
Classification: No eye irritation

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Sensitization : Species: Guinea PigMagnusson-Kligmann
Result: negative
Classification: Did not cause sensitization on laboratory animals.

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

Environmental distribution : No data available.

Persistence and degradability : No data available.

Additional ecological information : Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

Product : Dispose of waste and residues in accordance with local authority requirements.

Contaminated packaging : Dispose of as unused product.

14. TRANSPORT INFORMATION

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

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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)	
TSCA list	y (positive listing)	On TSCA Inventory

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

Applicable Laws and Regulation Information for China

Regulations on Safety Administration of Hazardous Chemicals, Decree No.591 of the State Council
GB/T 16483: #Safety data sheet for chemical products - Content and order of sections#
GB 15258:#General rules for preparation of precautionary label for industrial chemicals#
GB 20576-GB 20602: Safety rules for classification, precautionary labelling and precautionary statements of chemicals
GB 13690:#General rule for classification and hazard communication of chemicals#
GB 12268:#List of dangerous goods#
GB 6944:#Classification and code of dangerous goods#
GB 190 #Labels for packages of dangerous goods#
GB/T 15098:#The principle of classification of transport packaging groups of dangerous goods#
GBZ 2.1#Occupational Exposure Limits for Hazardous Agents in the Workplace, Part 1, Chemical Hazardous Agents #

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

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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.

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.