



#### Section 4 – FIRST AID MEASURES

Inhalation	Call a doctor if you feel unwell.
Skin Contact	IF ON SKIN: Wash with plenty of soap and water.  If skin irritation occurs: Get medical advice and attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Rinse mouth. IF SWALLOWED: Call a doctor if you feel unwell.

#### Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing agent suitable for type of surrounding fire. When dust occurs, use dry sand.
Unsuitable Extinguishing Media	No information available
Specific Hazards in Case of Fire	Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.
Specific Fire Fighting	Fight fire from upwind position if possible Keep away from sources of ignition and use appropriate extinguishing media. Prohibit unauthorized staff from entering the area around the fire. Keep unnecessary people away.
Special Protective Equipment and Precautions for Fire	Use goggles in combination with dust mask, and another protections as appropriate to situation.

#### Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Use goggles in combination with dust mask, and another protections as appropriate to situation.
Environmental Precautions	Large spills :Evacuate area. Ensure adequate ventilation.
Methods and Equipment for Containment and Cleaning Up	Do not discharge into the drains, surface waters or ground water directly. Sweep or vacuum spills to drums or containers.
Prevention Measures for Secondary Accidents	Keep away from sources of ignition and prepare extinguishing media.

#### Section 7 – HANDLING AND STORAGE

Handling	Technical Measures	Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".  Use local exhaust ventilation in case of production of fume or mist.  Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
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Storage	Prevents Handling of Incompatible Substances or	Refer to "Section 10 – STABILITY AND REACTIVITY".
	Conditions for Safe Storage	Refer to "Section 10 – STABILITY AND REACTIVITY". Store in well-ventilated place.

## Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls		Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Personal Protective Equipment	Respiratory Protection	If necessary, wear respiratory protection.
	Hand Protection	If necessary, wear protective gloves.
	Eye/Face Protection	If necessary, wear protective eye protection.
	Skin and Body Protection	If necessary, wear protective clothing.

## Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State		solid
Form		solid (sheet)
Colour		pale yellow
Odour		No data available
Melting Point/Freezing Point		No data available
Boiling Point or Initial Boiling Point and Boiling Ranges		No data available
Flammability		No data available
Lower and Upper Explosion Limit / Flammability Limit	Lower Limit	No data available
	Upper Limit	No data available
Flash Point		No data available
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
pH		7.1 ~ 7.6
Kinematic Viscosity		No data available
Solubility		No data available
Partition Coefficient : n-Octanol/Water		No data available
Vapour Pressure		No data available
Density and/or Relative Density		No data available
Relative Gas Density		No data available
Particle Characteristics		No data available

## Section 10 – STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	No information available
Possibility of Hazardous Reaction	No information available
Conditions to Avoid	No information available

Incompatible Substances or Mixtures	No information available
Hazardous Decomposition Products	No information available

## Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Outside the scope of GHS because of "Molded Product"
Oral	Outside the scope of GHS because of "Molded Product"
Dermal	Outside the scope of GHS because of "Molded Product"
Inhalation	(gas) Outside the scope of GHS because of "Molded Product" (vapour) Outside the scope of GHS because of "Molded Product" (dust and mist) Outside the scope of GHS because of "Molded Product"
Skin Corrosion/Irritation	Outside the scope of GHS because of "Molded Product"
Serious Eye Damage/Eye Irritation	Outside the scope of GHS because of "Molded Product"
Respiratory Sensitization	Outside the scope of GHS because of "Molded Product"
Skin Sensitization	Outside the scope of GHS because of "Molded Product"
Germ Cell Mutagenicity	Outside the scope of GHS because of "Molded Product"
Carcinogenicity	Outside the scope of GHS because of "Molded Product"
Reproductive Toxicity	(Reproductive toxicity) Outside the scope of GHS because of "Molded Product" (Reproductive toxicity, effects on or via lactation)
Specific Target Organ Toxicity (Single Exposure)	Outside the scope of GHS because of "Molded Product"
Specific Target Organ Toxicity (Repeated Exposure)	Outside the scope of GHS because of "Molded Product"
Aspiration Hazard	Outside the scope of GHS because of "Molded Product"

## Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute)	Outside the scope of GHS because of "Molded Product"
Hazardous to the Aquatic Environment, Long-Term (Chronic)	Outside the scope of GHS because of "Molded Product"
Ecotoxicity	Outside the scope of GHS because of "Molded Product"

Persistence	Outside the scope of GHS because of "Molded Product"
Bioaccumulative Potential	Outside the scope of GHS because of "Molded Product"
Mobility in Soil	Outside the scope of GHS because of "Molded Product"
Hazardous to the Ozone Layer	Outside the scope of GHS because of "Molded Product"

Section 13 – DISPOSAL CONSIDERATIONS

Residual Waste	Dispose according to local government classification.
	Outsource to a specialized waste disposal contractor licensed by the prefectural governor. Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes. Dispose of waste in accordance with local, state and federal regulations.
Contaminated Container and Packaging	Dispose according to local government classification.
	Outsource to a specialized waste disposal contractor licensed by the prefectural governor. Passed to a licensed waste contractor. In case of disposal of empty containers, remove the content thoroughly.

Section 14 – TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable
	Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable
	Regulatory Information by Air	Not regulated
Regulations in Japan	Regulatory Information by Road	Not regulated
	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable
	Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable
	Regulatory Information by Air	Not regulated
Emergency Response Guide Number		None

Section 15 – REGULATORY INFORMATION

Industrial Safety and Health Act

Dangerous or Harmful Substances Subject to Be Indicated their Names, etc. (Act Article 57 Paragraph (1), Order for Enforcement Article 18, Attached Table No.9)

Dangerous Articles and Harmful Substances Whose Names, etc. Should Be Notified (Act Article 57-2 Paragraph (1), Order for Enforcement Article 18-2, Attached Table No.9)

Crystalline silica (Cabinet Order No. 165-2) (less than 5%)

Poisonous and Deleterious Substances Control Act

Not applicable

Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof(Law concerning Pollutant Release and Transfer Register / PRTR)  
Act on Prevention of Marine Pollution and Maritime Disaster

Not applicable

Non-harmful substances (Enforcement order – Appended Table 1-2)

Harmful liquid substances (category Z substance or its equivalent)(The Ministry of the Environment Notification No.148-3)

Export Trade Control Order – Appended Table 1-16

Foreign Exchange and Foreign Trade Control Law

Pneumoconiosis Law

Article 2, Enforcement Ordinance Article 2 Attached Table

Section 16 – OTHER INFORMATION  
Information Contact

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Other Property

The concentration or its range described in the COMPOSITION / INFORMATION ON INGREDIENTS is an example calculated based on the compounding amount at production, and the concentration in the product is not guaranteed. The total value may not be 100% due to rounding.

The descriptions are based on the materials, information and data currently available in accordance with the laws and regulations applicable in Japan, but no guarantees are made regarding their content, physicochemical properties, dangers or hazards.

The precautions are for normal handling. For special handling, implement safety measures appropriate for the application and usage.

For general precautions, precautions for use or handling, or disposal precautions, etc., please read the label and instruction manual carefully before using the product.