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## ■ Material Safety Data Sheet ■

### Manufacture's Information:

Manufacture's Name: LINTEC Corporation  
 Address: 23-23 Hon-cho, Itabashi-ku, Tokyo Pref 173-00001, JAPAN  
 Division in charge: Quality Assurance & Environmental Protection Office  
 Person in charge(Drafted): K. Koshihara  
 TEL: 03-5248-7727 FAX: 03-5248-7726  
 Emergency contact: Mishima Factory Technical Office  
 TEL: 0896-23-4400

Control No.: T O 2 - 1 2 9 (E)

Issued: November, 7, 2002

Product name(chemical name, trade name): Paper

Ceraform M

70044-01

### ■ Material Properties

Chemical name: Paper (Article)  
 Ingredients: Cellulose(wood pulp), Aluminium hydroxide, Polyvinyl alcohol,  
 Glass fiber, Polyvinylidene chloride, Polyamide-epichlorohydrin resin,  
 Polyacrylamide, etc  
 Chemical formula and structural formula:  
 CAS No.  
 Classification or No. designated by the United Nations: Not applicable.

### ■ Classification of Hazard Level and Toxicity

Name of classification: Does not apply to the classification standard.  
 Hazard Level: None  
 Toxicity: None  
 Environmental Impact: None

### ■ First Aid Treatment

This product is neither hazardous nor toxic. However, the following describes possible accidents due to incorrect handling of the product and first aid treatment for such accidents.

→Contact with eyes

\*This is not a hazardous substance. However, if the product has entered your eyes, wash eyes thoroughly with pure water for at least 15 minutes, and consult a doctor.

→Contact with skin

\*Wash your skin with cold or lukewarm water. If a rash develops or if there is any pain, consult a doctor.

→Inhaling

\*This product is solid, thus there is no chance of inhalation.

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## →Swallowing

\*This is not a hazardous substance. However, wash mouth thoroughly with pure water. If possible, put your finger into your throat to induce vomiting, and consult a doctor.

## ■ In Case of Fire

Extinguishing method: When exposed to flame, Ceraform utilizes its own crystallized water emitting capabilities to extinguish the flame.

Extinguisher: Water, Foam, CO<sub>2</sub> Sand

## ■ In Case of Leakage

Immediately collect scattered papers and scraps to prevent such a secondary hazard that causes people to slip and fall.

## ■ Handling and Storage Precautions

Handling: Do not give any impact.

Storage: Avoid high temperature, high humidity place, and low temperature.

Ideal Store condition is 10~30°C and humidity is 70%RH or less. Also do not allow moisture and chemicals to contact the product.

## ■ Prevention of Exposure

Control density: Not applicable

Allowable density: Not applicable

Measures for equipment: Not required

Protective gear mask: Not required

Goggles: Not required

Gloves: Not required

Gown: Not required

## ■ Physical &amp; Chemical Properties

Appearance: Sheet(solid)

Boiling point: Not applicable. Vapor pressure: None. Volatility: None.

Melting point: Not applicable. Specific gravity: 0.9~1.0 g/cm<sup>3</sup>

Initial boiling point: Not applicable.

Solubility in water: Not soluble

## ■ Hazard Information

Flash point: ab.230°C(wood pulp)

Ignition point: ab.450°C(wood pulp).

Explosion limit: Not applicable.

Flammability: nonflammable

Ignition(spontaneous ignition due to reaction with water): None.

Oxidation: Currently not acknowledged.

Self reaction and self explosion: None.

Dust explosion: Currently not acknowledged.

Stability and reaction: Stability in the normal condition.

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**■ Toxicity Data (including examples of symptoms in humans and epidemiological information)**

Skin corrosiveness: Currently not acknowledged.

Stimulation(skin, eyes): Glass fiber irritates the skin.

Sensitization: Currently not acknowledged.

Acute toxicity(including lethal dose of 50%,etc.): Currently not acknowledged.

Subacute toxicity: Currently not acknowledged.

Chronic toxicity: Currently not acknowledged.

Carcinogenicity: Currently not acknowledged.

Mutagenicity(microbe, chromosome): Currently not acknowledged.

Toxicity for generative function: Currently not acknowledged.

Malformation: Currently not acknowledged.

Others(including toxic gas generation due to reaction with water, etc.): Currently not acknowledged.

**■ Environmental Information**

Decomposition: Currently not acknowledged.

Accumulation: Currently not acknowledged.

Toxic deposits in fish: Currently not acknowledged.

Others: Currently not acknowledged.

**■ Disposal Precaution**

When reclaiming the product, consign a company authorized for handling of industrial waste according to the "Laws on Processing of Waste and Cleaning", or local public organization if it is to under take handling of industrial waste. When burning the product, use an incinerator and treat the product in compliance with applicable laws such as the Air Pollution Control Law.

**■ Transport Precaution**

Product is loaded on transporting media to prevent the product for falling, dropping, being damaged or becoming dusty during transport.

**■ Application Low**

In the case the product weight 1000kgs or more, it is regarded as a combustible designated by the Fire Services Act.

Please refer to(any other)national measures that may be relevant.

**■ Others(contact concerning the descriptions, reference material, etc.)**

This Data Sheet has been prepared based on currently available information and is subject to revision whenever new information and/or knowledge is acquired.

What is described under "HANDLING" is applicable only to ordinary handling.

If special handling is to be involved, take safety measures that are suitable for the relevant application and usage before use.

The above information is delivered to furnish safety data on the product and not for a warranty purpose.