

**MATERIAL SAFETY DATA SHEET**

C.I.KASEI CO.,LTD.

Prepared date: December, 1999

Revised date: August 11, 2003

**1. Identification of the Preparation and Company**

Product Name : BELBIEN DECORATIVE SHEET INTERIOR TYPE (OTHER THAN SD, RA,  
RC, CM, FM, GM SERIES)  
Company Identification: C.I.KASEI CO., LTD.  
18-1, 1-Chome Kyobashi Chuo-ku,  
Tokyo 104-8321 Japan  
Telephone number: 81-3-3535-4568  
Emergency telephone: 81-3-3535-4568  
Fax number: 81-3-3535-4600

**2. Composition / Information on ingredients**

Substance/Mixture: Mixture  
Plasticized Polyvinyl Chloride Type Surfacing Decorative Sheet With An Adhesive  
Backing  
Chemical name: Backing

Main component:

Component chemical name	Contents (wt.%)	CAS. No.
Polyvinyl Chloride	50 - 60	9002-86-2
Di(2-ethylhexyl) phthalate	7.0 - 10	117-81-7
Titanium Oxide	2.3 - 14	13463-67-7
Acrylic Ester Copolymerizate	20 - 23	No information
Release Paper	Non-Chemical Component	

**3. Hazard Identification**

Class name of hazardous chemical for MSDS in Japan: Not applicable  
Physical and chemical hazards: Not applicable  
Environmental effects: No information

**4. Emergency and First-aid procedures**

If in eye: Inhalation, swallowing or sticking into eyes causes no harm with a normal handling, however, when crushed fragments contact eyes, flush immediately eyes with large

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If on skin: See a doctor if irritation persists.  
Normally contact causes no hazards, however, contact lasts for a long period of time, may cause rough dry skin.

Ingestion: If in case of ingestion and if conscious, give water to drink and induce vomiting.  
And see a doctor immediately.

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### 5. Fire-fighting measures

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Fire-fighting instruction: Shut off or isolate the source of combustion, extinguish the combustion with copious water or extinguish media. Fire extinguishing must be done on windward side and wear respirational aid device when needed so as not to inhale hazardous gasses or smoke emitted in burning such as hydrogen chloride gas or carbon monoxide gas.

Extinguishing media: Water, Carbon Dioxide gas, foam or dust extinguisher, etc.

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### 6. Accidental release measure

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Leakage and seepage can not occur because of solid production nature.

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## 7. Handling and storage

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Handling: In normal handling for processing, no special caution is needed.

Storage: Store indoor.  
Keep away from sources of heating and flaming

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## 8. Exposure control and personal protection

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Density to be controlled under: Not applicable  
Tolerable density: Not applicable (by Japan Society for Occupational Health)  
Tolerable density: Not applicable (by American Conference of Industrial Hygienists)  
Hygienical measures taken: Not applicable  
Protectional gears: No special protectional gears are needed.

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## 9. Physical and Chemical properties

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Appearance: Solid Colored Sheet  
pH: Not applicable  
Boilig Point: No information  
Melting Point: No information  
Vapor Pressure: None  
Flashing Point: No information  
Auto Ignition Temperature: No information  
Explosibility: None  
Specific Gravity: 1.25 - 1.40  
Solubility in Solvent: Not soluble in water

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## 10. Stability and Reactivity

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Stability and Reactivity: Stable for normal handling and processing. Emits stimulating gasses in combustion  
Inflammability: Self-extinguishable

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## 11. Toxicological Information

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Skin Cauterizing properties:	No information
Irritation to Skin and Eyes:	No information
Sensitizing Potential:	No information
Acute Toxicity (including 50% lethal dose):	No information
Subacute Toxicity:	No information
Chronic Toxicity:	No information
Carcinogenicity:	No information
Mutagenicity (Microbial, Chromosomal Aberration):	No information
Genotoxicity:	No information
Teratogenicity:	No information
Others (includeing reactive toxic gas emission when mixed with water):	No information

**12. Ecological Information**

Resolvability:	No information
Ichthyotoxicity:	No information
Retention:	No information

**13. Regulations on Wasting**

Observe applicable local waste disposal related laws.

Consign disposal to a scavenging agent that is licensed by the local governer. No incineration disposal is allowed.

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### 14. Transport information

Carefully load not to fall and drop the product when transporting. Take any measures to prevent injury due to collapse of cargo piles.

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### 15. Applicable Laws

Applicable local laws

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### 14. Other information

Materials referred to for this sheet:

(1) JIS Z 7250

#### Handling care for the contents of this sheet:

- (1) Cares for accuracy of the information on this sheet has been taken for users' safety, however, the data carried herein should not be referred to for warranty or guarantee purpose for its authenticity.
  - (2) This data sheet should be referred to with the users discretion and responsibility for safety handling of the material.
  - (3) Any part of the data may be revised with newly obtained knowledge or findings at any time. Please discard the sheet issued before the latest revision.
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