

**MATERIAL SAFETY DATA SHEET**

C.I.KASEI CO.,LTD.

Prepared date: September 09, 1999

Revised date: September 30, 2008

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

Product number: HYDROTITE  
 Preparation Name: HYDROTITE  
 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: 81-3-3535-4565  
 Fax number: 81-3-3535-4542

**2. Composition / Information on ingredients**

Substance/Mixture: Mixture  
 Chemical name: Water-Swellable vulcanized rubber strip  
 Main component:

Component chemical name	Contents (%)	CAS. No.
Chloroprene rubber	30-50	9010-98-4
Styrene-butadiene rubber	0-50	9003-55-8
Polyisoprene	0-40	9003-31-0
Hydrophilic resin	0-40	registered
Carbon black	0-30	1333-86-4
Mineral oil	0-20	registered
Calcium oxide	0-10	1305-78-8
Zinc oxide	0-10	1314-13-2

**3. Hazard Identification**

Class name of hazardous chemical for MSDS in Japan: Unidentified  
 Physical and chemical hazards: No information  
 Adverse human health effect: Thermal decomposition may produce HCl, CO, etc.  
 Environmental effects: No information

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

If in eye: Don't rub your eyes. Flush immediately eyes with large amount of clean water until irritation subside.  
 See a doctor if irritation persists.  
 If on skin: If irritation persist, please flush with large amount of water until irritation subsides.  
 Ingestion: If conscious, give water to drink and induce vomiting.  
 And see a doctor immediately.

**5. Fire-fighting measures**

Fire-fighting instruction: Use carbon dioxide, dust and foam extinguisher  
 Extinguishing media: Water, foam, carbon dioxide, dry chemical etc.

**6. Accidental release measure**

Leakage and seepage can not occur because of solid production.  
 Sweep up and discard, however, if accidental release occur.

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## 7. Handling and storage

Handling:	It is recommendable to protect hand and skin with appropriate protectors such as glove etc., when handling the product.
Storage:	Store in a cool, dry, well-ventilated location. Keep away from water. Keep away from heat, flame and sunlight.

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## 8. Physical and chemical properties

State:	Solid
Appearance:	Blue, Dark blue, Light blue and Black etc.
Smell:	None
pH:	Not applicable
Boiling point:	No information
Melting point:	No information
Flash point:	None
Ignition point:	Not applicable
Flammable limit:	None
Vapor pressure:	No information
Vapor density:	No information
Solubility:	Water insoluble
Density:	1.0-1.5
Others:	Swell as it absorbs water.

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## 9. Stability and Reactivity

Stability:	Stable
Reactivity:	None
Unpleasant condition:	None
Unpleasant material:	None
Hazardous decomposition products:	No information

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## 10. Toxicity information

Acute toxicity	No information
Subacute toxicity:	No information
Chronic toxicity:	No information

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## 11. Ecological information

Biodegradability:	No information
Bioaccumulation:	No information

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## 12. Disposal consideration

Disposal should be in compliance with local, state or national legislation.  
Do not burn.

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## 13. Transport information

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Carefully load not to fall and drop the product because of the heavy product, when transporting. Take any measures to prevent injury due to collapse of cargo piles. While transportation, prevent from rain, snow and water.

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## 14. Other information

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- a) To the best of our knowledge, the information contained herein is accurate in order to have the user handle the product safer.  
However, C.I.KASEI CO.,LTD. do not assume any liability for the accuracy or completeness of the information contained herein.
  - b) Final determination and utilization of the product is the sole responsibility of the user. C.I.KASEI CO.,LTD ask the user to handle the product carefully and safely referring to the information contained herein.
  - c) The information described herein can be revised, when any new information data is obtained.
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