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## SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

- CHEMICAL PRODUCT NAME Brown A
  - NAME OF MANUFACTURER TENMA FACTICE MFG. CO., LTD.
  - NAME OF SECTION Head office
  - ADDRESS 21-27, Furuichi-1-chome, Joto-ku, Osaka  
536-0001, Japan
  - TELEPHONE NUMBER +81-6-6932-1332
  - FAX NUMBER +81-6-6932-1333
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### 2. HAZARDS IDENTIFICATION

- CLASS NAME OF HAZARDOUS CHEMICALS FOR SDS IN JAPAN  
Not applicable
  - PHYSICAL AND CHEMICAL HAZARDS  
Flammable solids  
( Flash point : >200°C )
  - ADVERSE HUMAN HEALTH EFFECTS  
Not available
  - ENVIRONMENTAL EFFECTS  
Not available
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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

- SUBSTANCE/MIXTURE Substance
  - CHEMICAL NAME ( GENERIC NAME ) Sulfur factice
  - SYNONYM ( S ) Vulcanized vegetable oil,  
Rubber substitute
  - CAS REGISTRY NUMBER 68153-37-7
  - INGREDIENTS AND COMPOSITION 100%
  - CHEMICAL FORMULA ( CONSTITUTIONAL FORMULA, STRUCTURAL FORMULA )  
Not identified
  - UN CLASS AND UN No. Not applicable
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### 4. FIRST-AID MEASURES

- EYE CONTACT Gently rinse the affected eyes with clean water.
  - SKIN CONTACT Wash the affected area with soap water.
  - INHALATION Arrange medical examination and treatment as soon as possible.
  - INGESTION Give one or two glasses of edible oil and let the person vomit. For large amounts of ingestion, arrange medical examination and stomach washing as soon as possible.
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5. FIRE-FIGHTING MEASURES

- EXTINGUISHING MEDIA Water, dry chemical powder, carbon dioxide, foam or dry sand.
- SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES Sulfur oxides will form upon combustion, and firefighters should wear protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Shut off all sources of ignition, and sweep up for waste disposal.

7. HANDLING & STORAGE

- HANDLING Handle similarly to the vulcanized rubber powder.
- STORAGE Store in a cool, dry location, and keep away from all sources of ignition or sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- CONTROL PARAMETERS Not established
- ENGINEERING MEASURES Good general ventilation should be sufficient for most conditions.
- PERSONAL PROTECTIVE EQUIPMENT
  - RESPIRATORY PROTECTION For most conditions, no protection should be needed.
  - EYE PROTECTION For most conditions, no protection should be needed.
  - HAND, SKIN AND BODY PROTECTION For most conditions, no protection should be needed.

9. PHYSICAL & CHEMICAL PROPERTIES

- PHYSICAL STATE, FORM : Solid
- APPEARANCE : Powder-grain
- COLOR : Brown
- ODOR : Characteristic odor
- DENSITY :  $1.05 \pm 0.02$  ( 20°C/20°C )
- BOILING POINT : Not applicable
- MELTING POINT : Not applicable
- VAPOR PRESSURE : Not applicable
- SOLUBILITY IN WATER : Insoluble ( 20°C )
- SOLUBILITY IN ORGANIC SOLVENTS : Insoluble ( 20°C )

10. PHYSICAL HAZARD (STABILITY & REACTIVITY)

- FLASH POINT : > 200°C
  - AUTOIGNITION TEMPERATURE : > 300°C
  - UPPER AND LOWER EXPLOSION LIMIT : Not applicable
  - STABILITY & REACTIVITY : This material is stable, and has no reactivity.
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11. TOXICOLOGICAL INFORMATION

- CORROSIVE AND IRRITANT PROPERTIES : Not available
  - ALLERGENIC AND SENSITIZING EFFECTS : Not available
  - ACUTE TOXICITY : Not available
  - SUB-ACUTE TOXICITY : Not available
  - CHRONIC TOXICITY : Not available
  - CARCINOGENIC EFFECTS : Not available
  - MUTAGANIC EFFECTS : Not available
  - EFFECTS ON THE REPRODUCTIVE SYSTEM : Not available
  - TERATOGENIC EFFECTS : Not available
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12. ECOLOGICAL INFORMATION

- BIODEGRADABILITY : Not available
  - BIOACCUMULATION : Not available
  - FISH TOXICITY : Not available
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13. DISPOSAL CONSIDERATION

This combustible material may be burned in a chemical incinerator equipped with a scrubber of sulfur oxides.  
For large amounts of waste, dispose to an authorized waste collection point.

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14. TRANSPORT INFORMATION

Keep away from all sources of ignition or sunlight.  
Follow all regulations in your country.

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15. REGULATORY INFORMATION

Follow all regulations in your country.

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16. OTHER INFORMATION

This information herein is given in good faith.  
But it relates to only this specific material, and no warranty, express or implied, is made.