
SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

- CHEMICAL PRODUCT NAME Liquid F-3
 - 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 liquids
(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-free factice
 - SYNONYM (S) Rubber substitute
 - CAS REGISTRY NUMBER 68410-44-6
 - 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 Irritating gases may be generated by thermal decomposition or combustion, and firefighters should wear protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Shut off all sources of ignition, and mix spill with inert material (e.g., dry sand or earth), then place in a waste containers.

7. HANDLING & STORAGE

- HANDLING Handle similarly to the liquid synthetic rubber.
- STORAGE Keep containers upright and tightly closed when in not use. Store in a cool, dry location, and keep away from all sources of ignition or sunlight.

8. EXPOSURE CONTOROL/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 other than gloves should be needed.

9. PHYSICAL & CHEMICAL PROPERTIES

- PHYSICAL STATE, FORM : Liquid
- APPEARANCE : Viscous jelly
- COLOR : Light brown or yellow
- ODOR : Characteristic odor
- DENSITY : 1.00 ± 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 : Slightly soluble (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 under normal conditions, but prolonged exposure to air or heating above 120°C will cause irreversible gelation.
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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, and for large amounts of wastes, dispose to an authorized waste collection point.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Follow all regulations in your country.

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.