

SAFETY DATA SHEET

Product name Sulfur-free U-8
Creation date 2000年6月20日
Revision date 2026年2月2日

(1) CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name	Sulfur-free U-8
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
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(2) Hazards identification

Class name of hazardous chemicals for SDS in Japan.
GHS Classification Not Classified

(3) COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Compound	Substance
Common chemical name or general name	Sulfur-free factice
Synonym(S)	Crosslinked vegetable oils
Cas No.	67700-43-0
Content	100%
Notice through official file number	7-879
Chemical formula	Not identified
UN Class and UN No.	Not applicable
Hazardous Ingredients	None

(4) FIRST-AID MEASURES

After inhalation	Arrange medical examination and treatment as soon as possible.
After skin contact	Wash the affected area with soap water.
After eye contact	Gently rinse the affected eyes with clean water.
After swallowing	Induce vomiting, if person is conscious. Seek medical help.

A brief description of the most important symptoms and effects

This substance is considered to have the same risk or safety as crosslinked rubber (eraser, industrial supplies such as sheets and hoses) powder.

(5) FIRE-FIGHTING MEASURE

Extinguishing
Specific hazards with regard to fire-fighting
Protection for firefighters

Water, dry chemical powder, carbon dioxide, foam or dry sand.
Nitrogen oxides (NO_x) are generated, which cause damage to the anterior eye and airways in the human body.
Nitrogen oxides will form upon combustion, and firefighters should wear protective equipment.

(6) ACCIDENTAL RELEASE MEASURES

Personal precautions
protective equipment and
emergency procedures
Environmental precautions
Methods and materials for
neutralization containment
and cleaning up

Wear protect clothes while the work.

Avoid entering the river or affecting to the environment.

Collect spilled material by sweeping it up or using a vacuum cleaner or other dust collection device.

(7) HANDLING AND STORAGE

Handling
Storage

Handle similarly to the polyurethane resin powder.
Store indoors at normal temperature, humidity and pressure, avoiding exposure to direct sunlight. Store sealed to prevent hydrolysis.

(8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection
Hand protection
Eye protection
Skin and body protection

Wear appropriate respiratory protection.
Wear appropriate protective gloves.
Wear appropriate eye protection (e.g. A pair of goggles).
Wear appropriate protective clothing and safety shoes.

(9) PHYSICAL AND CHEMICAL PROPERTIES

Physical state, form
Appearance
Color
Odor
Melting point / Freezing point
Boiling point or initial
boiling point
Flammability
Lower and upper explosion
limit / flammability limit
Flashpoint
Auto-ignition temperature
Resolution temperature

Solid
Powder
White
Peculiar odor similar to vegetable oil
Not applicable
Not applicable
No data
Not applicable
>200°C
>300°C
>300°C

pH	Not applicable
Kinetic viscosity	Not applicable
Solubility	Insoluble (20°C)
n-octanol / water partition coefficient	Not applicable
Vapor pressure	Not applicable
Density	1.01±0.02[g/cm ³ (20°C)]
Relative gas density	Not applicable
Particle characteristics	No data

(10) STABILITY AND REACTIVITY

Chemical stability	Stable in the air at the normal temperature. It is stable and poorly reactive under normal storage conditions, but slow color fading is observed when exposed to sunlight. In addition, decomposition may be observed when more than one year has passed since production, or in the presence of high humidity or an oxidizing agent.
Hazardous Reaction Potential	Combustion generates nitrogen oxides (NO _x), which can cause damage to the anterior eye and airways in humans.
Conditions to avoid	Product quality may be affected under hot and humid conditions.
Hazardous decomposition products	No data
Possibility of hazardous reactions	No data

(11) TOXICOLOGICAL INFORMATION

Acute toxicity	Not available
Skin corrosive / irritation	Not available
Serious eyes damage /Eyes irritation	Not available
Respiratory organs sensitization	Not available
Original generative cell variation	Not available
Carcinogenicity	Not available
Reproduction toxicity	Not available
Specification target internal organs / Whole toxicity (single revelation)	Not available
Specification target internal organs/whole toxicity (repeat revelation)	Not available
Aspiration hazard	Not available

(12) ECOLOGICAL INFORMATION

Ecotoxicity	No data
Persistent / degradable	It slowly spontaneously decomposes in the environment, and its product is considered to have no hazard.
Bioaccumulative	No data

Mobility in soil	No data
Hazardous to the ozone layer	Not available

(13) DISPOSAL CONSIDERATIONS

Residual waste	In accordance with the Waste Management and Public Cleansing Act, it will be disposed of as industrial waste or waste plastic.
Packaging materials	Please dispose of this product as industrial waste (used paper) in accordance with waste disposal and cleaning laws.

(14) TRANSPORT INFORMATION

U. N. No.	Not applicable
Land Transportation	Not regulated in Japan
Maritime Transportation	Not regulated in Japan
Air Transportation	Not regulated in Japan

(15) REGULATORY INFORMATION

Waste Disposal and Public Cleansing Law	Article 1, paragraph 2 of the Enforcement Regulations
Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (CSCL)	Not applicable to specified chemical substances, monitoring chemical substances, or priority assessment chemical substances.
Pollutant Release and Transfer Registry (PRTR)	Contains no designated chemicals
Industrial Safety and Health Law	Contains no target substances (until April 1, 2026)
Fire Service Law	Not applicable
Water Pollution Control Law	Not applicable
Notes	Anyone who handles, stores, uses or disposes of this product should be aware of any local regulations, etc., in the relevant area.

(16) OTHER INFORMATION

This "SDS" is based on relevant information which has been available, and subject to change by new knowledge.

Though Tenma factice Mfg. take special care for description in "SDS", no warranty is intended.