



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ISO-CURE 8525

PRODUCT CODES: 8525

MANUFACTURER: KRETETEK INDUSTRIES

STREET ADDRESS: 66 RIVER ROAD

CITY, STATE, ZIP: HUDSON NH 03051

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SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards: Causes eye irritation, may be harmful if swallowed, may be harmful if inhaled, may cause respiratory irritation, may cause skin irritation.

Classification GHS:

Eye damage/eye irritation – Category 2B

Acute toxicity, Oral – Category 5

Acute toxicity, Inhalation – Category 5

Specific Target Organ toxicity – single exposure, Category 3

Label Elements, including precautionary statements:



Signal word: WARNING

H-Code Hazard Statements

H303: May be harmful if swallowed

H320: Causes eye irritation

H333: May be harmful if inhaled.

H335: May cause respiratory irritation.

P-Code Precautionary Statements

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray

P264: Wash hands and skin thoroughly after handling

P271: Use only outdoors or in a well-ventilated area.

Response:

P305, P351, P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337, P313: If eye irritation persists: Get medical advice or attention.

P312: If swallowed: Call a POISON CENTER/doctor if you feel unwell.

P302, P352: If on skin: Wash with plenty of soap and water.

P332, P313: If skin irritation occurs, get medical advice or attention.

P362, P364: Take off contaminated clothing and wash before reuse.

P304, P340, P312: If inhaled, Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

Storage:

P403, P233: Store in a well-ventilated place. Keep container tightly closed.

P405, Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/regional/national regulations.

Other hazards: May cause skin irritation

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>
Triethoxyoctyl Silane	2943-75-1			
Silane-Polysiloxane				
Trimethylpentanediol Monoisobutyrate	25265-77-4			

SECTION 4: FIRST AID MEASURES

General information: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

After inhalation: If inhaled remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

If not breathing, give artificial respiration. Consult a physician.

After contact with the skin: Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

After contact with the eyes: If contact with eyes, rinse cautiously with water for several minutes/ Remove contact lenses, if present and easy to do. Continue rinsing.

After swallowing: If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, rinse mouth with water. Call a poison center/doctor if you feel unwell.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Specific Hazards Arising from the Chemical: None known.

Hazardous Combustion Products: Carbon oxides.

Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information: See Section 7 for safe handling and storage.

SECTION 6: RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Cleaning Up: Dike and contain spill with inert absorbent materials. Soak up with inert material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Conditions for Safe Storage Including Any Incompatibilities: Keep at a temperature not exceeding 100°F. Do not allow material to freeze. Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Safe Storage: No additional data

Incompatibilities: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure limit: None available

Appropriate Engineering Controls: Local ventilation: recommended, General ventilation: recommended.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/Face Protection: Use proper protection – safety glasses as a minimum.

Skin and body protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots etc.) Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiration Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Note: Trace amounts of monomers may be released during use of this material. Use adequate ventilation to keep vapour concentrations below applicable standard.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state / form: liquid

Color: Milky white (dries clear)

Odor: Mild, slight ammonia

Odor threshold: no data

Property:

Vapor pressure: not available

Vapor density: not available

Relative density: not available

pH: 8-9

Melting/Freezing point: Freezing Point: 32°F

Solubility: Miscible in water

Evaporation rate: not available

Flash point: Not relevant

Flammability limits: Not relevant

Flammability (Solid, gas): Not relevant

Auto Ignition Temperature: not available

Initial boiling point/boiling range: Boiling point 212°F

Decomposition Temperature: not available

Viscosity: not available

Specific Gravity: 1.02 +/- 0.01

Density: 8.51 lb/gal +/- 0.1

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable
Possibility of Hazardous Reactions: No Data Available.
Conditions to Avoid: None known
Incompatible Materials: None known
Hazardous Decomposition Products: Carbon oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion
Symptoms of Exposure: Ingestion may cause nausea, vomiting and diarrhea.
Exposure may cause mild skin irritation. Exposure causes eye irritation.
Depending on concentration of residual monomers (typically <0.1%), vapors can collect above the liquid in closed containers. These vapors may result in eye and upper respiratory tract irritation.
Numerical measures of toxicity: No Data Available
Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure
Carcinogenicity: IARC, ACGIH, NTP, OSHA: No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
Specific target organ toxicity: Single exposure –
Category 3, Respiratory System, May cause respiratory irritation

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: No Data Available
Persistence and Degradability: No Data Available
Bioaccumulation: No Data Available
Mobility: No Data Available
Other Adverse Effects: No Data Available

SECTION 13: WASTE DISPOSAL

Waste Treatment Methods
Disposal of Wastes: This product is not expected to be a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.
Contaminated Packaging: Dispose of as unused material.

SECTION 14: TRANSPORTATION

DOT: Valuation: Not regulated for transport
IMDG: Not Regulated
Marine Pollutant: No
IATA: Not Regulated

SECTION 15: REGULATORY INFORMATION

International Inventories: TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations
SARA 302: None Known
SARA 311/312 Hazard Categories: Acute Health Hazard
SARA 313 Hazard Components: None Known
CWA (Clean Water Act): None Known
Supplemental State Compliance Information California: This product does not contain
Any chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.
New Jersey Right To Know: None Known

Pennsylvania Right To Know: None Known
Massachusetts Right To Know: None Known
U.S. EPA Label Information: No Data

HMIS Classification:
Health hazard: 1
Flammability: 0
Physical Hazards: 0

NFPA Rating:
Health hazard: 1
Fire: 0
Reactivity Hazard: 0

SECTION 16: OTHER INFORMATION

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE AND IS BELIEVED TO BE ACCURATE, HOWEVER, THE MANUFACTURER MAKES NO WARRANTY EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF. ACCORDINGLY, WE ASSUME NO RESPONSIBILITY FOR INJURY FROM THE USE OF THIS PRODUCT.