SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SILOXA-TEK 8505
PRODUCT CODES: 8505

MANUFACTURER: KRETETEK INDUSTRIES
STREET ADDRESS: 1000 N WEST ST
CITY, STATE, ZIP: WILMINGTON, DE 19801

INFORMATION PHONE: 855-573-8383
EMERGENCY PHONE: Chemtrec 800-424-9300
FAX PHONE: 855-573-8383

DATE REVISED: 6/1/17

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification GHS
Specific target organ toxicity (repeated exposure) Category 2

H-Code Hazard Statements
H373: May cause damage to organs through prolonged or repeated exposure

P-Code Precautionary Statements
P103: Read label before use
P280: Wear protective gloves/protective clothing/eye protection/face protection
P314: Get medical advice/attention if you feel unwell
P404: Store in a closed container
P501: Dispose of content/container to waste disposal

Other hazards: No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL
1,2-Ethanediol	107-21-1	none	none	none

SECTION 4: FIRST AID MEASURES

General information: Get medical attention if irritation occurs or if breathing becomes difficult. Remove contaminated clothing and shoes.
After inhalation: If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen.
After contact with the skin: For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.
After contact with the eyes: If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

After swallowing: For ingestion, if conscious, give several glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids. Danger of aspiration.
Advice for the physciain: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable properties:
Property: Flash point Value: > 93 ° C (> 199 ° F) Boiling
Property: Boiling point/boiling range Value not determined
Property: Lower explosion limit (LEL) not applicable
Property: Upper explosion limit (UEL) not applicable
Ignition temperature Value: not applicable
NFPA Hazard Class (comb/flamm liquid): IIIB
Fire and Exlosion Hazards: Material does not burn. This material does not present any unusual fire or explosion hazards.
Recommended extinguishing media: Water - Use Fine Spray or Fog. Dry chemical. Carbon dioxide. Water may be used to cool tanks and structures adjacent to the fire. AFFF alcohol compatible foam.
Unsuitable extinguishing media: None
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Hazardous combustion products: Various hydrocarbon fragments, various halogenated compounds, carbon dioxide, formaldehyde, carbon monoxide, sulfur dioxide, nitrogen oxides
Fire fighting procedures: Full turn-out gear and Self Contained Breathing Apparatus (SCBA) should be worn when fighting large fires.

SECTION 6: RELEASE MEASURES

Precautions: Secure the area. Obtain appropriate PPE, supplies, and equipment prior to attempting any response. Warn others in the area and notify appropriate response personnel, if necessary. Have any persons who are not involved in the spill response leave the area.
HAZWOPER PPE Level: D
Containment: If safe to do so, stop the leak at its source. Cover openings to underground drains and sewers. Use loose absorbant material or prefabricated socks to dike around small quantities of spilled material (incidental spills). Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.
Methods for cleaning up: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Use absorbant materials to pick up residual liquids. After removing as much material as possible, flush the spill area with water.

SECTION 7: HANDLING AND STORAGE

Storage
Conditions for storage rooms and vessels: Protect against frost.
Advice for storage of incompatible materials: N/A
Further information for storage:
Store in a warm temperature regulated area to prevent freezing during cold weather conditions. Store in the original container.
Minimum temperature allowed during storage and transportation: 0 ° C (32 ° F)
Do not allow this material to freeze.
Maximum temperature allowed during storage and transportation: 50 ° C (122 ° F)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls
Ventilation:
Use only with adequate ventilation.
Local exhaust:
If spraying or other aerosol generating operations are performed, local exhaust ventilation designed to capture mists and spr ays, such as a paint spray booth, is recommended.
Personal protection equipment (PPE) Respiratory protection:
If spraying or other operations which generate an aerosol mist are conducted, respiratory protection for exposed personnel is recommended. A NIOSH approved air purifying respirator equipped with universal multi-contaminant, multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur.

Hand protection:
Any liquid-tight rubber or vinyl gloves.
Eye protection:
Safety glasses with side shields or chemical safety goggles.
Additional protective clothing or equipment: Additional skin protection, such as SARANEX coated Tyvek apron, over-sleeves, lab coat, coveralls, or protective suit should be worn if splashing could occur. Provide eye bath and safety shower.
General hygiene and protection measures: Do not eat, drink or smoke when handling. Follow standard industrial hygiene practices when using this material. Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state / form .....: liquid colour
Colour .....: milky white Odour
Odour .....: Characteristic

Safety parameters
Boiling point / boiling range Value: not determined
Flash point Value: > 93 ° C (> 199 ° F)
Ignition temperature: not applicable
Lower explosion limit (LEL): not applicable
Upper explosion limit (UEL): not applicable
Vapour pressure: not determined
Density: 1.05 g/cm³ at 25 ° C (77 ° F)
Water solubility / miscibility: completely miscible
pH-Value: 5 at 25 ° C (77 ° F) (1000 g/l H_2O)
Viscosity(kinematic): 60 mPa.s at 25 ° C (77 ° F)

SECTION 10: STABILITY AND REACTIVITY

General information: Stable under normal conditions of use.
Conditions to avoid: Although this product is not expected to react with commonly used materials of construction and process equipment, it is advi sed that any rubber or plastic items such as hoses and gaskets be tested prior to large scale processing to ensure there is no degradation of performance or durability. Keep away from incompatible substances.
Materials to avoid: strong oxidizing agents , strong acids , alkalis .
Hazardous decomposition products: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 ° C (302 ° F)
through oxidation.
Further information: Hazardous polymerization cannot occur.

SECTION 11: TOXICOLOGICAL INFORMATION

General information: Data derived for the product as a whole are of higher priority than data for single ingredients.
Acute toxicity Assessment: For this endpoint no toxicological test data is available for the whole product.
Skin corrosion/irritation Assessment: For this endpoint no toxicological test data is available for the whole product.
Serious eye damage / eye irritation Assessment: For this endpoint no toxicological test data is available for the whole product.
Respiratory or skin sensitization Assessment: For this endpoint no toxicological test data is available for the whole product.
Germ cell mutagenicity Assessment: For this endpoint no toxicological test data is available for the whole product.
Carcinogenicity Assessment: For this endpoint no toxicological test data is available for the whole product.
Reproductive toxicity Assessment: For this endpoint no toxicological test data is available for the whole product.
Specific target organ toxicity (single exposure) Assessment: For this endpoint no toxicological test data is available for the whole product.
Aspiration hazard Assessment: In case an aspiration hazard is based on ingredients, this can be seen from the classification and labeling of the whole product.
Further toxicological information: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Assessment: For the product as a whole, no test data is available.
Persistence and degradability Assessment: Silanol and or siloxanol compounds: biologically not degradble
Bioaccumulative potential Assessment: No data known.
Mobility in soil Assessment: No data known
Other adverse effects: none known

SECTION 13: WASTE DISPOSAL

Product disposal recommendation: Recommendation: Recommendation:
Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations. State and local regulations may be more stringent than Federal regulations.
Packaging disposal: Recommendation: Uncleaned packaging should be treated with the same precautions as the material. Uncleaned containers should not be reused to hold another material due to the potential for reaction between residual product and incompatible materials. After emptying contaminated containers may be cleansed and recycled.

SECTION 14: TRANSPORTATION

DOT:
Valuation: Not regulated for transport

Other information: Protect from freezing, when exposed to cold temperatures approaching 0 ° C (32 ° F) or below

SECTION 15: REGULATORY INFORMATION

U.S. Federal regulations
TSCA inventory status and TSCA information:
This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.
TSCA 12(b) Export Notification:
Vendor Trade Secret Fluorochemical AcrylatePolymer
CERCLA Regulated Chemicals:
1,2-Ethanedoil
SARA 302 EHS Chemicals:
This material does not contain any SARA extremely hazardous substances.
SARA 311/312 Hazard Class:
Delayed (chronic) health hazard.
SARA 313 Chemicals:
1,2-Ethanedoil

U.S. State regulations
California Proposition 65 Carcinogens:
This material does not contain any chemicals known to the state of California to cause cancer.
California Proposition 65 Reproductive Toxins:
67-56-1 Methanol
107-21-1 1,2-Ethanediol

Massachusetts Substance List:
107-21-1 1,2-Ethanediol

New Jersey Right-to-Know Hazardous Substance List:
107-21-1 1,2-Ethanediol

Pennsylvania Right-to-Know Hazardous Substance List:
107-21-1 1,2-Ethanediol

Canadian regulations

This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all the information required by the CPR.
WHMIS Hazard Classes: D2A
DSL Status: This material or its components are listed on the Canadian Domestic Substances List.

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.