SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: COUNTERTOP 880
PRODUCT CODES: 880

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
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DATE REVISED: 8/1/17

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification GHS
Flammable liquid: Category 3
Serious eye damage/eye irritation: Category 2A
Aspiration hazard: Category 1
Hazardous to the aquatic environment: Chronic, Category 4

H-Code Hazard Statements
H226: Flammable liquid and vapour
H304: May be fatal is swallowed and enters airways
H319: Causes serious eye irritation
H413: May cause long lasting harmful effects to aquatic life

P-Code Precautionary Statements
P210: Keep away from heat, hot surface, sparks, open flames and other ignition souces. No smoking.
P233: Keep container tighly closed.
P243: Take precautionary measures against static discharge
P271: Use only outdoors or in a well ventiliated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection
P301+P310: If swallowed immediately call a poison center/doctor
P331: Do not induce vomiting
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/attention
P370+P378: In case of fire:use extinguishing powder, foam or carbon dioxide to extinguish
P402+P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to waste disposal.

The following percentage of the mixture consists of ingredients with unknown acute toxicity: 6.3
The following percentage of the mixture consists of ingredients with unknown hazards to the aquatic environment 6.3

Other hazards: Product hydrolyses under formation of methanol (CAS no 67-56-1) Methanol is toxic by inhalation.in contact with skin and if swallowed. Methano; causes damage to organs. Methanol is highly flammable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS

Nanoengineered Proprietary Isomers of Silane
Proprietary Teflon Polymer
Isoalkanes
Distilled Hydrocarbon Mixture

SECTION 4: FIRST AID MEASURES

General information: Get medical attention if irritation or other symptoms occur. Before seeking medical attention remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.
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: If contact with skin, immediately flush skin with plenty of water for at least 15 min.
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, do not attempt to induce vomiting. Danger of aspiration. If swallowed, rinse mouth with water. Induce drinking plenty of water in small portions. Get medical attention immediately. Indicate the possible formation of: methanol . Show label if possible.
Advice for the physciain: Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irrevers ible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable properties:
Property: Flash point Value: 43 ° C (109 ° F) Method: ISO 3679
Property: Boiling point/boiling range Value > 150 ° C (> 302 ° F) at 1013 hPa
Property: Lower explosion limit (LEL) Value: 0.6 %(V)
Property: Upper explosion limit (UEL) Value: 6.0 %(V)
Ignition temperature Value: 270 ° C (518 ° F)
NFPA Hazard Class (comb/flamm liquid): II
Fire and Exlosion Hazards: OSHA combustible, DOT flammable liquid and vapor. Vapors are heavier than air and may travel along the ground, be moved by ventilation systems, settle in pits or low areas, and be ignited by ignition sources distant from the handling point. The material is lighter than water, burning spilled material will float on top of any water released from hose or sprinkler systems spreading the fire beyond the initial fire response area. Never use welding or cutting torch on or near any container of this material, even if empty, because an explosion could occur. As a result of hydrolysis flammable vapors may accumulate in the container head space. Material may form toxic and corrosive gases in case of fire.
Recommended extinguishing media: AFFF alcohol compatible foam. Carbon dioxide. Dry chemical. Water may be used to cool tanks and structures adjacent to the fire.
Unsuitable extinguishing media: N/A
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Hazardous decomposition products: carbon dioxide , carbon monoxide , formaldehyde , silicon dioxide and incompletely burnt hydrocarbons .
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: Wear personal protection equipment (see section 8). Avoid contact with eyes and skin. Avoid inhaling mists and vapours.
HAZWOPER PPE Level**:** D
Containment: Prevent material from entering sewers or surface waters. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground. 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: Do not flush away with water. Take up mechanically and dispose of according to local/state/federal regulations. Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Ensure adequate ventilation. Must be syphoned off in situ.
Precautions against fire and explosion required: Take precautionary measures against electrostatic charging. Cool endangered containers with water. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from open flames, heat and sparks. Keep away from sources of ignition and do not smoke.
Storage
Conditions for storage rooms and vessels: Make sure there is no possibility of entering the ground.
Advice for storage of incompatible materials: Observe local/state/federal regulations.
Further information for storage:
Do not store in open air. Store in a dry and cool place. Keep container tightly closed.
Minimum temperature allowed during storage and transportation: 10 ° C (50 ° F)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls
Ventilation:
Use with adequate ventilation.
Local exhaust:
To control flammable/combustible vapors: Local exhaust ventilation which meets the requirements of ANSI Z9.2 is recommended to control airborne contaminants at the point of use. (to maintain concentration below TLV) .
Personal protection equipment (PPE) Respiratory protection:
Respiratory protection is not normally required.
Hand protection:
Butyl rubber protective gloves or neoprene or nitrile rubber gloves .
Eye protection:
Safety glasses with side shields or chemical safety goggles. Where there is risk of splashing: tight fitting chemical safety goggles.Other protective clothing or equipment:
Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.
General hygiene and protection measures: Avoid contact with eyes, skin and clothing. Avoid breathing dust/vapor/mist/gas/aerosol. When handling do not eat, drink, smoke or apply cosmetics. Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state / form .....: liquid
Colour .....: yellowish
Odour .....: solvent-like

Safety parameters
Boiling point / boiling range Value: > 150 ° C (> 302 ° F) at 1013 hPa
Flash point Value: 43 ° C (109 ° F)
Ignition temperature: 270 ° C (518 ° F)
Lower explosion limit (LEL): 0.6 %(V)
Upper explosion limit (UEL): 6.0 %(V)
Vapour pressure: 1 hPa at 25 ° C (77 ° F)
Density: 0.88 g/cm³ at 25 ° C (77 ° F), at 1013 hPa
Water solubility / miscibility: moderately soluble at 25 ° C (77 ° F)
pH-Value: not applicable
Viscosity(kinematic): 3.54 ²/s at 25 ° C (77 ° F) shear rate: 1.013 1/S

SECTION 10: STABILITY AND REACTIVITY

General information: If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
Conditions to avoid: moisture , Heat, open flames, and other sources of ignition.
Materials to avoid: Reacts slowly with: water . Reaction causes the formation of: methanol .
Hazardous decomposition products: If stored and handled properly: none known . The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 C (302 F) through oxidation. By hydrolysis: methanol .
Further information: Hazardous polymerization cannot occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity Assessment: Aerosol mist must not be inhaled, as lung damage can be expected. Acute toxicity estimate (ATE) ATE mix (oral): >2000 mg/k
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: For this endpoint no toxicological test data is available for the whole product.
Further toxicological information: For this endpoint no toxicological test data is available for the whole product.

SECTION 12: ECOLOGICAL INFORMATION

Assessment: Organic solvent(s): May cause long-term adverse effects in the aquatic environment
Bioaccumulative potential Assessment: No data known.
Mobility in soil Assessment: No data known
Other adverse effects: none known

SECTION 13: WASTE DISPOSAL

RCRA Waste Classification: 001 (Ignitable): This classification applies only to the material as it was originally produced.
Product disposal recommendation: Recommendation: Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.
Packaging disposal: Recommendation: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

SECTION 14: TRANSPORTATION

DOT:

Valuation ..... :	Dangerous Goods
Proper Shipping Name ..... :	Flammable liquid, n.o.s.
Technical name ..... :	(contains Trimethoxy(2,4,4-trimethylpentyl)silane and Isoparaffins)
Class ..... :	3
UN no. ..... :	1993
Packaging Group ..... :	III
Label ..... :	**TL:flammable liquid/3
NAERG Guide ..... :	128
Other Information ..... :	Temperature Sensitive Material. 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:
This material does not contain any TSCA 12(b) regulated chemicals.
CERCLA Regulated Chemicals:
This material does not contain any CERCLA regulated chemicals.
SARA 302 EHS Chemicals:
This material does not contain any SARA extremely hazardous substances.
SARA 311/312 Hazard Class:
Fire hazard. Immediate (acute) health hazard.
SARA 313 Chemicals:
This material does not contain any SARA 313 chemicals above de minimus levels.

U.S. State regulations
California Proposition 65 Carcinogens:
71-43-2 Benzene
California Proposition 65 Reproductive Toxins:
67-56-1 Methanol
71-43-2 Benzene

Massachusetts Substance List:
34590-94-8 Dipropyleneglycol monomethylether

New Jersey Right-to-Know Hazardous Substance List:
34590-94-8 Dipropyleneglycol monomethylether

Pennsylvania Right-to-Know Hazardous Substance List:
34590-94-8 Dipropyleneglycol monomethylether

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: D2B, B3
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.