

**Kel-Crete
Industries, Inc.**

General Partner of CJG LP

Phone: 918-744-0800, 800-845-1833

PO Box 52217

Fax: 918-744-0885

Tulsa, OK 74152

Email: kelcrete@sbcglobal.net

WWW:Kel-Crete.com

SAFETY DATA SHEET

EFFECTIVE DATE: March 28, 2018

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Kel-Crete Tech Premium Polypropylene Fibers
CHEMICAL NAME/SYNONYM: Polypropylene fibers
MANUFACTURER: Kel-Crete Industries, Inc.
ADDRESS: PO Box 52217
Tulsa, OK 74152
EMERGENCY PHONE: 800-845-1833
CHEMTREC PHONE: 800-845-1833
RECOMMENDED USE: Concrete reinforcement

SECTION 2: HAZARDS IDENTIFICATION

HAZARD OVERVIEW: May cause mechanical irritation to skin, eyes, and respiratory tract.

OSHA HAZARD CLASSIFICATION: Not classified

OSHA HAZARD PICTOGRAM: None

SIGNAL WORD: None

HAZARD STATEMENTS: None

PRECAUTIONARY STATEMENTS: None

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO.	%WT	SARA 313 REPORTABLE
Polypropylene	9003-07-0	100%	No

SECTION 4: FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water to remove particles. Seek medical attention if irritation persists.

Skin: If irritated, wash affected area thoroughly with soap and water. Remove contaminated clothes and laundry before reuse.

Ingestion: Do not induce vomiting. Seek medical attention if any symptoms appear.

Inhalation: Remove to fresh air. Seek medical attention if any symptoms appear.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media: For small fires, use carbon dioxide or dry chemical extinguishing media.

Special Fire Fighting Procedures: for large fires, adjacent structures should be cooled with water and fire allowed to burn out.

Unusual Fire And Explosion Hazards: Main pyrolysis is carbon monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

GENERAL: For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust. Care should be taken to keep spilled products out of sewers and water systems.

LAND SPILL: Vacuum, shovel or sweep and place in containers for disposal in accordance with applicable local regulations. Avoid contamination of water bodies during clean up and disposal. No personal protective equipment is needed to clean up land spills.

WATER SPILL: No specific instructions. Care should be taken to keep spilled products out of sewers, streams, and water systems.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Good housekeeping procedures should be followed to minimize dust generation and accumulation. Avoid spills. Do not eat, drink, or smoke in work areas. Wash hands and exposed skin after use. Remove contaminated clothing and protective equipment before entering eating areas.

CONDITONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Keep dry until use. Atmospheric temperatures and pressures do not affect the shelf life of this product. Store out of direct heat and light. Do not store near potential spark or flame. Not compatible with strong oxidizing agents.

Storage: Ambient

Storage pressure: Atmospheric

Special sensitivity: Oxidizers, flame, light

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL-TWA: 15 mg/m respirable dust

AGIH TLV-TWA-OEL: 10 mg/m total dust and 3 mg/m respirable dust

Cal OSHA PEL-TWA: 10 mg/m total dust and 5 mg/m respirable fraction

ENGINEERING CONTROLS AND VENTILATION: Use local exhaust ventilation to keep airborne concentrations of dust below permissible exposure limits.

RESPIRATORY PROTECTION: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted vapor/particulate respirator approved by NIOSH for protection.

EYE PROTECTION: Wear eye protection (e.g. safety goggles) to reduce the potential for eye contact.

SKIN PROTECTON: Prevent prolonged or repeated contact by using rubber gloves, sleeves, aprons, and appropriate protective clothing.

SECTION 8 NOTES: PEL: Permissible Exposure Limit, TLV: Threshold Limit Value, TWA: Weighted Average

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Translucent white ¼ to ½ inch fibers

ODOR: Odorless

ODOR THRESHOLD: Not applicable

pH AT AS SUPPLIED: Not applicable

MELTING POINT/FREEZING POINT: 162°

BOILING POINT AND BOILING RANGE: Not applicable

FLASH POINT: Not applicable

EVAPORATION RATE: Not applicable

FLAMMABILITY: Non-flammable

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

RELATIVE DENSITY: 0.91 g/cm

SOLUBILITY IN WATER: Not soluble

SPECIFIC GRAVITY:

PARTITION COEFFICIENT: n-octanol/water: Unknown

AUTO-IGNITION TEMPERATURE: 593°

DECOMPOSITION TEMPERATURE: >300° C

VISCOSITY: Not applicable: solid substance

EXPLOSIVE PROPERTIES: Not explosive

OXIDIZING PROPERTIES: Not oxidizing

MOLECULAR WEIGHT: 42.08 g/mol (repeating unit)

VOC CONTENT: 0 g/L (0.0 lbs/gal)

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: None known. Incompatible with strong oxidizers.

STABILITY: The product is stable and does not change under normal storage conditions.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none formed spontaneously. Pyrolysis may produce carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation of dust and dermal exposure are the most significant routes of exposure in occupational and other settings. Incidental ingestion may occur. Personal equipment and good hygiene can reduce these exposures significantly.

SYMPTOMS RELATED TO THE PHYSICAL AND CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: Fibers may cause mechanical irritation of skin, eyes, and respiratory tract.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE: No information found.

ACUTE HEALTH HAZARDS:

Oral LD₅₀ (rat): >8,000 mg/kg of body weight

Dermal LD₅₀ (rabbit): No information found

Inhalation: LC₅₀ (rat): No information found

Dermal Irritation/corrosivity (rabbit): No information found

Eye irritation (rabbit): No information found

CHRONIC HEALTH HAZARDS: No information found

REPRODUCTIVE EFFECTS: No information found

CARCINOGENICITY: Polypropylene is not listed as a known or suspected carcinogen by OSHA, ACGIH, NTP, or IARC lists polypropylene as a Group 3 (not classified as to its carcinogenicity to humans).

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No information found

PHYTOXICITY: No information found

PERSISTENCE AND DEGRADABILITY: No information found

BIOACCUMULATIVE POTENTIAL: No information found

MOBILITY IN SOIL: No information found

OTHER EFFECTS: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This product must be disposed of in accordance with applicable local, state, and federal regulations. Where possible, it is best to use up any excess material.

RCRA HAZARD CLASS: The product is not listed under any section of the Federal Resource Conservation and Recovery Act (RCRA).

CALIFORNIA HAZARDOUS WASTE DESIGNATION: California identifies substances with acute oral, acute dermal, or acute inhalation LD₅₀'s less than 2,500, 4,300, or 10,000 mg/kg respectively as "hazardous wastes". This product is therefore NOT a "hazardous waste" if spilled in California.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: The product is not a US Department of Transportation (DOT) Hazardous Material or Hazardous Substance.

OTHER AGENCIES: The product has no UN Number and is not regulated under international rail, highway, water, or air transport regulations.

SECTION 15: REGULATORY INFORMATION

TSCA NO: All components of this product are listed on the TXCA inventory.

RCRA: Not listed as a hazardous waste under any sections of the Resource Conservation and Recovery Act or regulations (40) CFR 261 et seq.

SUPERFUND: CERCLA/SARA: Not listed under CERCLA (the Comprehensive Environmental Response Compensation and Liability Act) or its 1986 amendments, SARA (the Superfund Amendments and Reauthorization Act), including substances listed under Section 313 of SARA, Toxic Chemicals, 42 USC 11023, 40 CFR 372.65; Section 302 of SARA, Extremely Hazardous Substances, 42 USC 11002, 40 CFR 355; or the CERCLA Hazardous Substances list, 42 USC 9604, 40 CFR 302.

SAFE DRINKING WATER ACT: Not regulated under the SDWA, 42 USC 300g-1, 40CFR 141 et seq.

Clean Water Act (Federal Water Pollution Control Act): 33 USC 1251 et seq.

- a.) Not a discharge covered by any water quality criteria of Section 304 of the CWA, 33 USC 1314
- b.) It is not on the Section 307 List of Priority Pollutants, 33 USC 1317, 40 CFR 129
- c.) It is not on the Section 311 List of Hazardous Substances, 33 USC 1321, 40 CFR 116

OSHA/CAL OSHA: This SDS document meets the requirements of both OSHA (29 CFR 1910, 1200) and CAL OSHA (Title 8 CCR 5194 g) hazard communication standards. Refer to Exposure Control/Personal Protection for regulatory exposure limits.

CALIFORNIA PROPOSITOIN 65: Not listed as a carcinogen or reproductive toxicant under California Proposition 65.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: This SDS was finalized on March 26, 2018 and is compliant with OSHA HCS/HazCom 2012 Final Rule.

DISCLAIMER: Information presented herein has been compiled from sources considered dependable and is accurate and reliable to the best of our knowledge and belief, but it is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and adopt necessary safety precautions. We make no warranty as to the results to be obtained in using any material and, since conditions or use are not under our control, we must necessarily disclaim all liability with respect to use of any material supplied by us.