



**SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION**

**Product Name:** 40-40 Microfiber – Field Mix Thickener

**Recommended Use:** Thickener for Silicone Products

**Restriction on Use:** None

**Manufacturer:**  
KM Coatings Mfg.  
5301 W. Mohave Street  
Phoenix, AZ 85043  
(602)-253-1168

SDS Date of Preparation: 11/3/17

Emergency Contact: (800) 424-9300 CHEMTREC (USA)

**SECTION 2: HAZARDS IDENTIFICATION**

**Hazard Classification:**

Physical	Health
Combustible Dust	Not Hazardous

**Label Elements:**

Warning: May form combustible dust concentrations in air

Keep away from heat and open flames. Present accumulation of dust in the work area.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>WT.%</u>
Polymers	Proprietary	100

**SECTION 4 FIRST AID MEASURERS**

**Eyes:** Flush eyes with water while lifting the upper and lower lids. Get medical attention if irritation persists.

**Skin:** No first aid should be needed.

**Inhalation:** If irritation develops, move to fresh air. If symptoms persist, get medical attention.

**Ingestion:** Rinse mouth with water. If large amount if swallowed or gastrointestinal effects develop, get medical attention.

**Most important symptoms/effects, acute and delayed:** May cause mild eye irritation.



**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention is not required.

**SECTION 5 FIRE FIGHTING MEASURES**

**Extinguishing Media:** Use water fog or spray, foam, carbon dioxide or dry chemical.  
**Special Protective Equipment and Precautions for Fire-fighters:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Do not allow run-off from firefighting to enter drains or water courses. Do not use heavy stream of water. Burning material may splatter surrounding area and spread fire. Strong water stream may raise dust into the air potentially contributing to an explosive dust atmosphere.  
**Specific Hazards Arising from the Chemical:** Not considered flammable but will burn under fire conditions. Dust generated in handling this material may present a potential fire and explosion hazard if suspended in air at high concentrations. Settled dust presents a fire hazard. Resuspension of the dust into the air by vibration, traffic, material handling, etc. in high concentrations in the presence of an ignition source could result in a dust explosion. Minimize the generation and accumulation of dust. Combustion products may include oxides of carbon and hydrocarbons.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear appropriate protective clothing to avoid eye and skin contact. Eliminate all ignition sources.  
**Methods and Materials for Containment and Cleaning Up:** Collect product in a manner that minimizes the generation of airborne dust. If a vacuum is used, explosion proof equipment is required. Non sparking tools should be used. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentrations. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air.). Prevent runoff to storm sewers and ditches leading to natural waterways. Report spill as required by local and federal regulations.

**SECTION 7 HANDLING and STORAGE**

**Precautions for Safe Handling:** Keep containers closed when not in use to prevent material from contaminating the worksite and causing a fire hazard or raising other concerns. This is a fibrous material that could be mistaken for asbestos or other hazardous fibers. Avoid contact with the eyes. Avoid creating and breathing dusts. Minimize the generation and accumulation of dust. Keep dust away from open flames, hot surfaces and sources of ignition. Follow good housekeeping practices to keep surfaces, including areas overhead such as piping, drop ceilings, ductwork, etc. free from settled dust. Dry powders can build static electricity charges when subjected to friction of transfer and in mixing operations. Provide adequate precautions, such as electrical grounding and bonding.  
Empty containers retain product residues can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a dry area away from ignition sources and oxidizers.

**SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION**

**Exposure Guidelines:**

INGREDIENTS	EXPOSURE LIMITS
Polymers	5 mg/m3 (respirable dust), 15 mg/m3 (total dust) TWA OS PEL (as PNOC)



**Appropriate Engineering Controls:** No special controls usually required for outdoor use with reasonable precautions to avoid accumulation of dust.

**Respiratory Protection:** For dusty conditions: a NIOSH approved particulate respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Gloves:** None required for handling this material. Follow recommendations on SDS for other materials when mixing with roofing materials.

**Eye Protection:** Safety glasses or goggles recommended for dusty conditions. Follow recommendations on SDS for other materials when mixing with roofing materials.

**Other Protective Equipment:** None required for handling this material. Follow recommendations on SDS for other materials when mixing with roofing materials.

### SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

**Appearance And Odor:** Fluffy White Fibers with no odor.

<b>Boiling Point (@ 760 mmHg):</b> Not applicable	<b>Melting Point:</b> 248-271°F (120-133°C)
<b>Odor Threshold:</b> None	<b>Viscosity:</b> Not applicable
<b>Relative density (H<sub>2</sub>O=1):</b> 0.915-0.965	<b>Vapor Pressure:</b> Not applicable
<b>VOC:</b> None	<b>Vapor Density (AIR=1):</b> Not applicable
<b>Evaporation Rate:</b> Not applicable	<b>Solubility In Water:</b> Insoluble
<b>pH:</b> Not applicable	<b>Partition Coefficient n-Octanol/Water:</b> Not determined
<b>Flash Point:</b> 665°F (352°C)	<b>Autoignition Temperature:</b> Not Determined
<b>Decomposition Temperature:</b> Not determined	<b>Flammability (solid, gas):</b> No data available
<b>Flammable Limits: (vol % in air)</b>	<b>LEL –</b> Not applicable <b>UEL –</b> Not applicable

### SECTION 10 STABILITY and REACTIVITY

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable under normal storage and handling conditions

**Possibility of Hazardous Reactions:** Reaction with oxidizers may generate heat.

**Conditions to avoid:** Avoid excessive heat and open flames.

**Incompatible materials:** Oxidizers and chlorinated solvents.

**Hazardous decomposition products:** Thermal decomposition may yield oxides of carbon and hydrocarbons.

### SECTION 11 TOXICOLOGICAL INFORMATION

**Eye:** Contact may cause mild irritation.

**Skin:** No adverse effects are expected.

**Inhalation:** Inhalation of dust may cause mucous membrane and upper respiratory tract irritation

**Ingestion:** No adverse effects are expected.

**Sensitization:** This product is not expected to cause sensitization.

**Chronic Effects:** None known

**Carcinogenicity:** None of the components are listed as a carcinogen by NTP, IARC, ACGIH or OSHA

**Numerical Measures of Toxicity:** LD50 oral rat >2000 mg/kg; LD50 dermal rat >2000 mg/kg.



**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** No data available. This material is not expected to be toxic to aquatic organisms. Avoid all release to the environment.  
**Persistence and degradability:** No data available  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available  
**Other adverse effects:** No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

**DOT:**

UN/ID Number	None
Proper Shipping Name	Not Regulated
Hazard Class	None
Packing Group	None
ERG Code	N/A
DOT Special Provisions	None known
Description	None

**TDG:**

UN/ID Number	None
Proper Shipping Name	Not Regulated
Hazard Class	None
Packing Group	None
ERG Code	N/A
TDG Special Provisions	None known
Description	None

**IATA:**

UN/ID Number	None
Proper Shipping Name	Not Regulated
Hazard Class	None
Packing Group	None
ERG Code	N/A
Special Provisions	None known
Description	None

**IMDG:**

UN/ID Number	None
Proper Shipping Name	Not Regulated
Hazard Class	None
Packing Group	None
EmS-No	N/A
Special Provisions	None known
Description	None



**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special precautions:** None known

**SECTION 15: REGULATORY INFORMATION**

**SARA Hazard Category (311/312):** Refer to Section 2 for OSHA Hazard Classification.

**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313: None

**CERCLA Hazardous Substances (Section 103)/RQ:** This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory.

**California Proposition 65:** This product is not known to contain chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

**SECTION 16: OTHER INFORMATION**

<b>NFPA Rating:</b>	Health = 0	Fire = 1	Instability = 0
<b>HMIS Rating:</b>	Health = 0	Fire = 1	Physical Hazard = 0

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and handling of Combustible Particulate Solids, for safe handling.

**SDS Date of Preparation:** 11/3/17

**Revision Summary:** Header, Section 8 Exposure Limit, Section 14 Transportation, Section 15 SARA 311/312, Canadian WHMIS classification

**NOTICE**

The information contained herein is based upon the data available to us and is believed to be accurate. However, KM Coatings Mfg. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. KM Coatings Mfg. assumes no responsibility for injury from the use of the products described herein.

This SDS conforms with the OSHA Hazard Communication Standard 1900.1210 and to SARA Title III, Section 313 for supplier notification.