



KM COATINGS MFG.

Safety Data Sheet

SECTION 1 PRODUCT NAME AND COMPANY IDENTIFICATION

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

Recommended Use: Thickener For Silicone Products

Restriction on Use: None

Manufacturer:

KM Coatings Mfg.
1719 W. Buchanan Street
Phoenix, AZ 85007
(602)-253-1168

SDS Date of Preparation: 06/06/14

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.



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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/m ³ (respirable dust), 15 mg/m ³ (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.



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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.

Boiling Point (@ 760 mmHg): Not applicable	Melting Point: 248-271°F (120-133°C)
Odor Threshold: None	Viscosity: Not applicable
Relative density (H2O=1): 0.915-0.965	Vapor Pressure: Not applicable
VOC: None	Vapor Density (AIR=1): Not applicable
Evaporation Rate: Not applicable	Solubility In Water: Insoluble
pH: Not applicable	Partition Coefficient n-Octanol/Water: Not determined
Flash Point: 665°F (352°C)	Autoignition Temperature: Not Determined
Decomposition Temperature: Not determined	Flammability (solid, gas): No data available
Flammable Limits: (vol % in air)	LEL – Not applicable UEL – 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.



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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

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

Environmental hazards: None known

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable

Special precautions: None known

SECTION 15: REGULATORY INFORMATION

SARA Hazard Category (311/312): Not Hazardous

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.

WHMIS Classification: Not a controlled product.

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

SECTION 16: OTHER INFORMATION

NFPA Rating:

Health = 0

Fire = 1

Instability = 0

HMIS Rating:

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: 06/06/14

Revision Summary: New SDS.

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NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Polyglass U.S.A. Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.