

Fio-Kem, Inc.
19402 Susana Road

Rancho Dominguez, CA 90221
Emergency Phone No.1-800-255-3924

MATERIAL SAFETY DATA SHEET

Name: M/RAGE FLOOR FINISH

SECTION I. IDENTIFICATION OF PRODUCT

Identity: Urethane Fortified Floor Finish
HEALTH: 1
MSDS Number: 144
Date: 1/17/2011
Supersedes: 11/25/2008
REACTIVITY: 0
PROTECTION: A

Name
Diethylene glycol Monoethyl ether

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION
CAS Number
111-90-0

PEL
NE

TLV
NE 1-5 %

Boiling Point:

>212° F

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity:
1.030 ± 0.005

Vapor Pressure
(mm Hg.): ND

Melting Point:

ND

Vapor Density
(Air = 1): ND

Evaporation
(H2O = 1):ND

Water Solubility:
Complete

pH @ 77F:
8.2 -8.5

Appearance and Odor: Milky white emulsion, acrylic odor

VOCgml/L: CARB EXEMPT

Flash Point (TCC):

> 200°F (TCC)

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

% LEL:
ND

% UEL:
ND

Flammable Limits:
ND

Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water.

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and impervious protective clothing.
Unusual Fire and Explosion: None known.

Route(s) of Entry: INHALATION? No
(Acute) Health Hazards: EYES? Yes SKIN? No INGESTION? Yes

SECTION V. HEALTH HAZARD DATA

Eyes: May cause irritation.

Skin: Product is tacky when it dries on the skin. Prolonged or repeated contact may cause skin irritation on sensitive person.

Ingestion: May cause abdominal discomfort. No data on acute toxicity when ingested.

Inhalation: Over exposure may cause respiratory irritation. Not likely to cause adverse effects under normal conditions of use.
(Chronic) Health Hazards: None Known

Signs and Symptoms of Exposure:

Eyes: Moderate irritation characterized by redness, watering, and itching.

Skin: Not a skin irritant on sensitive skin

Ingestion: Nausea & vomiting, diarrhea.

Inhalation: Not likely to be injurious.

Medical Conditions Generally Aggravated by Exposure: None reported

Emergency First Aid Procedures:

Eyes: Flush eyes with large amounts of water, filling upper and lower eyelids for at least 15 minutes. Remove contact lenses, if present, then continue flushing for another 5 minutes. If irritation persists, obtain medical attention.

Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Ingestion: Give 1-2 glasses of water to drink to dilute. If victim is conscious, get medical attention.

Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.

SECTION VI. TOXICITY DATA	
CARCINOGENICITY CLASSIFICATION:	
(Hazardous components present @ 0.1% or more)	
IARC - International Agency for Research on Cancer	Not Listed
NTP - National Toxicology Program	Not Listed
OSHA - Occupational Safety and Health Administration	Not Listed
TSCA (Toxic Substances Control Act): Components in this product are listed in TSCA Inventory.	Not Listed

SECTION VII. REACTIVITY DATA

Stability: Stable

Hazardous Polymerisation Will Not Occur

Incompatibility (Materials to Avoid): Contamination by other chemicals, acids, heat, direct sunlight.

Hazardous Decomposition Byproducts: Oxides of carbon and carbon monoxide.

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Mop up. Recover as much as possible. Do not dump into sewers, ground or body of water.

Large Spills: Dike area and absorb into neutral material or pump up. Collect material in a labeled container. Finish cleaning by flushing affected area with plenty of water. Keep spills and cleaning runoffs out of municipal sewers and other open bodies of water.

Disposal: Dispose of in accordance with Federal, State & Local regulations

Handling and Storage: Store in a cool, dry, and well-ventilated area at a temperature between 40°F - 120°F. Keep away from food, drink, and animal feeding stuffs. Keep out of reach of children. Keep container tightly closed and dry when not in use. Make sure product label is intact. Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Wash contaminated clothing before reusing.

SECTION IX. CONTROL MEASURES

Ventilation: Use with adequate ventilation.

Local Exhaust for normal conditions of use.

Mechanical Vent for area being applied. Provide exhaust ventilation or other engineering controls to keep vapor airborne concentrations below threshold limit value.

Respiratory Protection: Not normally indicated when used as directed

Protective Gloves: Latex, optional to prevent dry hands

Eye Protection: Recommended, if splashing is likely.

Other Protective Clothing or Equipment: Slip resistant footwear

Workhygienic Practices:

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

SECTION X. DOT INFORMATION

NOT REGULATED

SECTION XI. MISCELLANEOUS INFORMATION

SARA Title III: Diethylene Glycol Monoethyl Ether listed as Immediate, Delayed, & Fire Health Hazard.

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of this own use, handling and disposal of the product.