



Mini-Craft OF FLORIDA, INC.

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McKote
Professional Grade Gel-Kote

CATALYST PRECAUTIONS

STORAGE: Methyl Ethyl Ketone Peroxide

M.E.K.P. formulations should be stored as follows:

STORE IN ORIGINAL CONTAINER IN A COOL PLACE. For maximum shelf life storage temperature should be below 85° F (29° C). If peroxide freezes, thaw at room temperature. Do not apply heat. Large quantities (>500 lbs.) should be stored in a separate free standing structure in accordance with area laws, regulations, and insurance carriers.

STORE SEPARATELY. Prevent contact with foreign materials, contaminants, PROMOTERS, RED OR WHITE LABEL ITEMS, IRON, BRASS, COPPER and other OXIDIZABLES or other flammable items. M.E.K.P. must be stored away from the manufacturing area and separated from other combustibles or materials that could induce decomposition. Failure to observe these precautions could result in fire or explosion.

NEVER STORE IN A REFRIGERATOR CONTAINING FOOD OR USED FOR FOOD STORAGE!

POST SIGNS AROUND STORAGE AREA READING:

**DANGER!---NO SMOKING!---KEEP AWAY!
FLAMMABLE STORAGE!
AUTHORIZED PERSONNEL ONLY!**

SAFETY AND HANDLING

M.E.K.P. formulations are oxidizing materials and should be handled with care. M.E.K.P. can be hazardous to personnel and equipment if not handled in a safe manner.

FIRST AID- AVOID CONTACT AND INHALATION!

EYES- Immediately wash eyes with large volumes of water for 15 minutes and get medical aid.

SKIN- Immediately remove contaminated clothing and rewash before wearing. Wash well with soap and water.

SWALLOWING- Administer milk or water and call a physician immediately for lavage. DO NOT induce vomiting. Have physician contact the appropriate state Poison Control Center which will be listed under Emergency Numbers on the first page of the local phone directory.

INHALATION- Remove to fresh air and get immediate medical aid. Prolonged inhalation should be avoided.

Personnel should wear proper PROTECTIVE CLOTHING when handling M.E.K.P. such as SAFETY GLASSES, GLOVES, APRONS, AIR MASKS, BARRIER CREAMS, etc.

CATALYST PRECAUTIONS (Continued)

Drain containers thoroughly and flush empty containers with water-detergent mixture before discarding. Work area should be well ventilated. All work surfaces, containers, etc. in contact with M.E.K.P. should be scrupulously clean and all contamination avoided. Work area should be equipped with sprinklers.

Never bring into the manufacturing area more M.E.K.P. than can be used immediately. Rotate stocks systematically according to date received or lot number, in order that the oldest material is used first.

DO NOT MIX OR STORE WITH ACCELERATORS such as dimethyl or diethylaniline or cobalt naphthenate, thiols or other promoters, accelerations or reducing agents. Special care must be taken to avoid contamination with combustible materials, strong oxidizing or reducing agents or accelerators for polymerization reactions, etc.

Equipment and containers for handling M.E.K.P. should be made of 304 or 316 stainless steel (vented), glass (vented), Teflon, polypropylene, polyethylene, Tygon, silicone rubber, or high purity aluminum.

DILUTION IS NOT RECOMMENDED. If the user elects to dilute material, use only pure suitable diluents. **NEVER USE ACETONE!**

IF SPILLAGE OCCURS, use a noncombustible material like vermiculite or perlite absorbent to soak up spilled material. Using a non-sparking shovel or dust pan, collect the saturated absorbent and deposit in double polyethylene bags and wet thoroughly with water. Remove the polyethylene bags of absorbent to a remote protected outside area that is safe from the spread of fire should the material self-ignite. Do not place bags in direct sunlight. For proper disposal contact a hazardous waste disposal company, local authorities, or state EPA. Any usage, paper towels, etc. should be disposed of in this same manner. Wash spill area down with soap and water. Keep water out of sewer system. Be sure and remove any isolated or hidden pockets of M.E.K.P.

FIRE

M.E.K.P. does not ignite easily but will burn very vigorously after ignition. This peroxide must be kept away from all sources of heat and ignition such as radiators, steam pipes, direct rays of the sun, open flames and sparks.

SMALL FIRES- Use Class B Fire Extinguishers (dry chemicals, foam or carbon dioxide) or water fog. Halon is also recommended.

LARGE FIRES-NOTIFY FIRE DEPARTMENT IMMEDIATELY! Evacuate all non-essential personnel. Fight fire from a safe upwind distance with water, preferably a fog spray or foam. **AVOID INHALATION OF FUMES-** use air masks if available.

KEEP ENDANGERED CONTAINERS COOL WITH WATER SPRAY TO PREVENT OVERHEATING.

FLUSH DAMAGED AREA WELL WITH WATER-AVOID WASHING M.E.K.P. DOWN SEWERS.

FIRE MAY RESULT! DO NOT ATTEMPT CLEAN-UP UNTIL DAMAGED AREA IS AT ROOM TEMPERATURE AND ALL SIGNS OF DANGER ARE GONE.

PACKAGING AND SHIPPING

M.E.P.K. formulations are normally packaged as follows:

Containers and cartons must be constructed and labeled in accordance with regulations of the Department of Transportation. Shipments are made by common carrier and are shipped as ORGANIC PEROXIDES. Shippers must be registered, certified and approved by the D.O.T.

All information in this bulletin is based on testing, observation, and other reliable sources of data. It is presented in good faith and believed to be accurate. However, Mini-Craft of Florida, Inc. makes no warranty, either expressed or implied, as to the use of its products singly or in combination with other materials or as to the merchantability or fitness of a product(s) containing M.E.K.P. formulations. The buyer and/or user assumes all risks and liabilities arising from the use of or in connection with the use of its products. Mini-Craft of Florida, Inc. neither assumes nor authorizes any person or company to assume for it any liability in connection with the sale and/or use of its products.