

Material Safety Data Sheet

Product: MK TILE & GROUT KLEAN II

Supplied By:

MARBLE KARE PRODUCTS, INC.

24-HR. CHEMICAL EMERGENCIES

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SECTION I – PRODUCT IDENTITY

Trade Name: MK TILE & GROUT KLEAN II	DOT Information:	UN Number: None
		Classification: Corrosive
		Proper Shipping Name: Compound, Cleaning Liquid (contains Phosphoric Acid)
		Packaging Group: Not Applicable

Hazard Rating:

FIRE – 0 REACTIVITY - 1 TOXICITY – 2
4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

** These values are obtained using the guidelines from the National Fire Protection Association or the National Paint and Coating Association

SECTION II – HAZARDOUS INGREDIENTS

Phosphoric Acid	CAS #: 7664-38-2	Exposure limits:	ACGIH TLV: 1mg/m3
Isopropyl Alcohol	CAS #: 67-63-0		400ppmTWA
Nonionic Surfactant (blend)	CAS #: MIXTURE		N/E
Ethanedioic Acid (Dihydrate)	CAS #: 144-62-7		1mg/m3
Sulfuric Acid	CAS #: 7664-93-9		Not Applicable

SECTION III – PHYSICAL & CHEMICAL DATA

Boiling Point: 212-220°F	Melting Point: Not Applicable
Vapor Pressure (mm Hg): Not Applicable	Solubility in H₂O: Complete
Specific Gravity (H₂O = 1): 1.14	Evaporation Rate (Butyl Acetate = 1): Not Applicable
pH: 1-2	Vapor Density (AIR=1): Same as water
Appearance & Odor: Clear liquid; Alcohol odor	VOC (g/L): Not Applicable

SECTION IV – FIRE & EXPLOSION DATA

Flash Point: Exceeds 200°F	Open/Closed: Not Applicable
Flammable Limits: LEL: Non-Flammable	UEL: Non-Flammable
Fire extinguishing materials: Water, CO ₂	
Special fire fighting procedures: Floor may be slippery.	
Unusual fire & explosion hazards: None	

SECTION V – REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to avoid): Strong acids and oxidizers.
Hazardous byproducts of decomposition/combustion: Normal products of combustion.
Hazardous polymerization: Will not occur.

SECTION VI – HEALTH HAZARD DATA

Routes of Exposure & Effects

Skin: Prolonged or repeated contact may cause severe irritation.
Eye: May cause severe irritation to the eyes.
Ingestion: Ingestion may cause irritation of mucous membranes.
Inhalation: Spray or mist may cause irritation to upper tract.

Acute & Chronic Overexposure Effects

Acute: May cause mild irritation to the eyes, skin, and mucous membranes
Chronic: Unnecessary exposure to any chemical should be avoided.

Medical Conditions Generally Aggravated by Exposure: Person with present skin disorder may be more susceptible to irritation.

Toxicity Data

No components listed as carcinogenic with: OSHA, NTP and IARC

EMERGENCY & FIRST AID PROCEDURES:

EYES: Immediately flush eyes with water for at least 15 minutes.
SKIN: Wash off with soap and water.
INHALATION: Relocate to fresh air.
INGESTION: **DO NOT INDUCE VOMITING!** Drink plenty of water. if unconscious or in convulsion, immediately take to hospital or physician.

SECTION VII – PERSONAL PROTECTION

Ventilation & Exhaust: Good ventilation is required.
Respiratory Protection: No special requirements.
Eye Protection: Wear goggles or safety glasses with face shield.
Gloves: Wear rubber or chemical resistant gloves. Use as necessary to prevent skin contact.
Other Clothing or Equipment: Use as necessary to prevent skin contact.
Work/Hygienic Practice: Normal, safe work practices should be exercised when using this product.

SECTION VIII – SAFE HANDLING & USE

Storage & Handling: KKeep out of reach of children. Store in closed container, in a cool place. Avoid freezing.
A Use only in a well ventilated area. This product is to be used exclusively by cleaning and stone
A restoration professionals.
Spills or leaks: Dike and contain the spill. Absorb the liquid.
Waste Disposal: Scoop material into suitable container for disposal. Area may become slippery. Flush area with water.
Dispose according to local, state and federal regulations.

SECTION IX – OTHER INFORMATION

The aforementioned is believed to be correct as of the date hereof; however, no warranty is made, express or implied, regarding the accuracy of this document, since the information contained herein may be applied under conditions beyond our control and under conditions with which we may be unfamiliar. Since data made available subsequent to the date hereof may suggest modification of the information, recipients are advised to determine in advance the suitability of the material for their precise purposes and on the condition that they assume the risk of use thereof.

Notes (Not intended to be all inclusive):

Abbreviations (if used):

OSHA Occupational Safety and Health Administration
NTP National Toxicology Program
IARC Int'l Agency for Research on Cancer Monographs

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