IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT THE BELOW NUMBERS.

EMERGENCY 24 HOUR NUMBER CHEMTREC 1-800-424-9300

GENERAL INFORMATION NUMBER MAPEI 1-954-246-8888

Material Safety Data Sheet

CPSC STATEMENT

WARNING - ALKALINE WHEN WET. POTENTIAL SKIN AND EYE IRRITANT TO SENSITIVE INDIVIDUALS. CONTAINS KNOWN OR PROBABLE HUMAN CARCINOGEN. HARMFUL OR FATAL IF SWALLOWED.

DOT HAZARD CLASSIFICATION

Not Regulated

IDENTITY (As shown on label):

KER 200

Polymer Modified Cement Tile Grout - Sanded (All Colors)

SECTION I - GENERAL INFORMATION

MANUFACTURER:
MAPEI CORPORATION
1144 East Newport Center Drive
Deerfield Beach, FL 33442

PREPARED BY:
Donald House
Manager of Product and Employee Safety

PRINT DATE:
Tuesday, July 17, 2001

SECTION II - PHYSICAL CHARACTERISTICS

Maximum VOC	N/A
Boiling Point	N/A
Vapor Pressure (mmHg)	N/A
Vapor Density (AIR=1)	N/A
Specific Gravity (H20=1)	2.0 - 2.2
Melting Point (F)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in water	Negligible
Appearance and Odor	Multi-colored powder. General cement odor.

VOC calculated per (Rule 1168, South Coast Air Quality District - California)

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (specific chemical identity; common names):	OSHA (PEL)	ACGIH (TLV-TWA)	Other Limits Recommended	% Percent (Optional)
Silica Sand, Crystalline Quartz (CAS# 14808-60-7)	10mg/m³	0.1mg/m³	(Respirable dust only.)	55 - 70%
Hydraulic Cement (CAS# 65997-15-1)	15mg/m³	10mg/m³	N/E	25 - 35%
Iron Oxide Pigment (CAS# 1309-37-1)	10mg/m³	5mg/m³	N/E	0 - 8%
Titanium Dioxide (CAS# 13463-67-7)	15mg/m³	10mg/m³	N/E	0 - 3%

FOR CALIFORNIA: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE TOXICITY.

HMIS (Hazardous Materials Identification System) Rating: Health - 3 Fire - 0 Reactivity - 0 Protection - E

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (F) - N/E **Lower Explosive Limit (%) -** N/E **Upper Explosive Limit (%) -** N/E

Extinguishing Media
Will not burn except under extreme temperatures. Water spray, carbon dioxide, dry chemical or foam.

Special Fire Fighting Procedures
Wear standard fire fighting gear with self-contained breathing apparatus.

Unusual Fire and Explosion Hazards
Some decomposition products may be harmful.

SECTION V - REACTIVITY DATA

STABILITY: Stable

Conditions to Avoid None known.

Incompatibility (Materials to Avoid)
Strong oxidizing agents, strong acids, and strong bases.

Hazard Decomposition of By-products
Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

N/A = Not Applicable. N/E = Not Established.

POLYMERIZATION: Will Not Occur

Conditions to Avoid

None known.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: **Inhalation?** YES **Skin?** YES **Ingestion?** YES

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: Possible injury due to the alkaline nature of wet cement (dermatitis, dry cough, etc.).

Chronic: Repeated (long term) inhalation of dust may result in silicosis.

CARCINOGENICITY: **NTP** - YES **IARC** - YES **OSHA** - YES

Crystalline Silica - IARC Group 1 Agent

Signs and Symptoms of Overexposure

Dry skin, dermatitis, dry cough, irritated eyes from dust or any other potential adverse condition related to the alkaline nature of wet cement.

Medical Conditions That Can Be Aggravated by Exposure

Allergies, skin and respiratory disorders. Product sensitivity.

EMERGENCY AND FIRST AID PROCEDURES

Eyes - Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

Skin - Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.

Inhalation - Remove to fresh air. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.

Ingestion - Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if Material is Leaked or Spilled

While using appropriate protective equipment, place spilled material in poly drum, or container requirement by local disposal company, and store in a safe place till material can be disposed of in accordance with regulations.

Waste Disposal Method

Dispose of in accordance with local, state, and federal regulations governing your location.

Precautions to be taken during Handling and Storage

Store in a manner to prevent dusty conditions.

Other Precautions

Avoid prolonged skin contact and dusty conditions.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: During work with dry product it is recommended to wear a NIOSH APPROVED PARTICULATE FILTER RESPIRATOR RATED N95 (42 CFR 84).

VENTILATION: **Local Exhaust**

Observe local, state, and federal regulations governing emissions.

Special

N/A

Mechanical

As necessary to minimize dusty conditions.

Other

N/A

Eye Protection - Safety glasses or goggles as necessary to

Protective Gloves - Impervious. (Nitrile, rubber, or better)

Other Protective Equipment - As needed to minimize contact with skin.

WORK AND HYGIENE PRACTICE

Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries. Minimize contact of product on skins.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. MAPEI Corporation assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.