

# Material Safety Data Sheet

## Section 1 - Chemical Product and Company Identification

**Distributor:** MB Stone Restoration & Supply

**Emergency Phone:** (732)495-8888

**Address:** 48 Church Street Keansburg, NJ 07734

**Product Trade Name:** MB-20 Polishing Compound

## Section 2 - Hazardous Ingredients

Cas No.	Chemical Name	Percent	Einecs/elincs	Safety Data
7697-37-2	Phosphoric Acid	-	231-633-2	C R34 S26; S45
16949-65-8	Magnesium Silico Fluoride	-	241-022-2	T

Declared to be Trade Secret

## Section 3 – Physical Data

Appearance: White liquid

Odour: Odourless

PH: 9

Melting Point: 100°C

Boiling Point: Not available

Density: 1.08

Saturated Vapour Pressure: Not available

Vapour Density: Not available

Solubility: Complete soluble in water

Viscosity: Not available

Major Use: Polishing granite, floor tile, table etc

## Section 4 – Health Hazards

Target Organs: Respiratory system, gastrointestinal system, eyes, skin.

Hazard sorts: 8

Potential Health Effects:

- Eye: Contact with liquid is corrosive to the eyes and causes severe burns. May cause chemical conjunctivitis and corneal damage.
- Skin: Contact with liquid is corrosive and causes severe burns and ulceration. May cause skin rash (in mild cases), and cold and clammy skin with cyanosis or pale colour.

- Ingestion: Causes gastrointestinal tract burns. Causes severe pain, nausea, vomiting, diarrhea, and shock. May cause haemorrhaging of the digestive tract. May cause corrosion and permanent tissue destruction of the oesophagus and digestive tract. May be harmful if swallowed. May form methaemoglobin which in sufficient concentration causes cyanosis (bluish discolouration of skin due to deficient oxygenation of the blood).
- Inhalation: Harmful if inhaled. May cause severe irritation of the respiratory tract with sore throat, coughing, shortness of breath and delayed lung edema. Causes chemical burns to the respiratory tract. Aspiration may lead to pulmonary edema.
- Chronic: Prolonged or repeated skin contact may cause dermatitis. Prolonged or repeated eye contact may cause conjunctivitis. Effects may be delayed. Chronic exposure may cause liver damage. May cause cyanosis (a blue-grey colouring of the skin and lips caused by a lack of oxygen). Inhalation of vapours at high concentrations may product pulmonary edema characterized by fluid build up in the lungs.

## Section 5 – Emergency and First Aid Measures

Eyes: Flush immediately with water for at least 30 minutes. Do not rub eyes or keep eyes closed. Get medical aid.

Skin: Wash with soap and water for at least 15 minutes. Remove contaminated clothes and shoes. Get medical aid.

Ingestions: Do NOT induce vomiting. If conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

Inhalation: Remove exposed person to fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth.

## Section 6 – Personal Protection

Eyes: Safety glasses/goggles.

Skin: Protective gloves.

Clothing: Wear impervious protective clothing to prevent skin contact.

Respirators: Not needed under normal conditions of use.

## Section 7 – Stability and Reactivity

Chemical stability: Stable at normal temperature and pressure.

Condition to avoid: Metal, excess heat.

Incompatibilities with other materials: Powered metals, strong bases, ammonia, chloride, fluoride.

Hazardous Decomposition Products: Phosphine, oxides of phosphorous.

Hazardous Polymerization: May occur.

## Section 8 – Spill or leak Procedures

Absorb spill with inert material (vermiculite, sand or earth), then place in suitable container. Clean up spills immediately and provide ventilation.

## Section 9 - Fire and Explosion Hazard Data

Use extinguishing media most appropriate for the surrounding fire. Cool containers with flooding quantities of water until well after fire is out. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

## Section 10 – Storage and Handling Information

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Keep container tightly closed. Do not get on skin or in eyes. Do not ingest or inhale. Use with adequate ventilation.

**Storage:** Store in a tightly closed container and keep container closed when not in use. Store in a cool, dry, well ventilated area away from incompatible substances. Keep away from metals. Do not store in metal containers.

## Section 11 – Transport Information

UN: 2922

Packaging Sign:



Shipping Name: Corrosive Liquid, Toxic, N.O.S

Packaging Category: 111

Packaging: Chemical bottle.

Classification: 6

Subsidiary risk: 6.1

## Section 12 – Regulatory Information

Reference to the local, national and EU/international regulations.

Hazard Symbols:

C: Corrosive

T: Toxic

Safety Description:

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Risk Codes:

R34: Causes burns.

**Notice to reader:** To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards as described herein; we cannot guarantee that these are the only hazards that exist.

Date Prepared: May 18 2008