

Mira Dust

Polishing Powder For

- Marble
- Limestone
- Terrazzo
- Other Natural Stone
- Travertine
- Furniture

Special Features

- No Oxalic Acid
- Safe to Use
- Easy to Use
- Fast Acting
- Interior & Exterior
- Cost Effective

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. Mira Dust polishing powder is a unique blend designed to enhance the natural shine of natural stone and terrazzo. Mira Dust will remove light scratches, water rings and acid etch marks. Mira Dust is an effective means of maintaining the factory finish of marble, travertine, limestone, terrazzo and other natural stone surfaces. Unlike recrystallization or vitrification, Mira Dust does not change the surface composition of the stone. Mira Dust is an easy to use polishing process that has been used in stone factories and in the field for decades. Mira Dust is great for ongoing maintenance, as well as the final polishing step in any stone restoration procedure. Heavy scratches and etch marks may need to be honed with Mira Hone or with the Pyramid Diamond Abrasive System.

Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

Special Precaution & Protection

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces. Mira Dust should not be left on the surface for any length of time without constant buffing action. If buffing is stopped Mira Dust must be immediately picked up to avoid burning. Place the floor or hand machine on a plastic or teflon sheet when not in use. Mira Dust is not recommended for granite or synthetic surfaces. Mira Dust can be run through a sifter for a more consistent powder.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using.

All previous applied sealers, coatings and/or waxes must be removed using Mira Strip or H₂O Strip as directed.

Using a Marble Master 1000 (175 rpm, 150 lbs.) floor machine equipped with a white polishing pad or a tampico brush will provide optimum results. Wet a small area (2 - 4 sf) with clean water. Sprinkle Mira Dust on the area and buff making slow, even passes side to side. Add water or Mira Dust as needed to maintain a watery/milky slurry. DO NOT ALLOW MIRA DUST SLURRY TO DRY ON THE SURFACE. Buff the stone for 1 - 2 minutes or until desired polish is achieved. Additional buffing with Mira Dust may be used to increase polish. A floor squeegee may be used to move the solution to the next small area to be polished. Be careful not to buff too long in any given area as this may create a burn. After polishing, rinse the stone thoroughly with a Mira Clean #1 solution (20 - 1). Agitate with a soft brush and remove using a wet vacuum. This procedure is essential for neutralization of the polished surface.

Counters: Use a hand machine (600 - 800 rpm) equipped with a white pad or tampico brush and use in the same manner as with floors.

Wall: Wet the small area to be worked and sprinkle the Mira Dust directly onto the polishing pad or brush. Buff the walls in small sections. Be careful to protect neighboring areas from dripping of the Mira Dust solution.

Small Areas: Mira Dust can be worked by hand for very small areas or trouble spots. Follow the same procedure as above, buffing with a small white pad and using rubber gloves. This method can effectively remove many light scratches, water rings and etch marks while restoring desired luster to those very small and hard to reach areas.

Heavy Duty Cleaning: Use Phosphoric Acid Cleaner, GCFR or Liquid Poulitice as directed.

Light Cleaning: Use Mira Clean #1 or Counter Kleen as directed.

Water, Stain & Slip Protection

Application of Miracle Penetrating Sealer/Impregnator will reduce penetration of all staining materials and make the surface less slippery.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, Mira Dust will do approximately 150 - 300 square feet (14 - 27 sq. meters) per pound.

MAINTENANCE

For ongoing maintenance instructions please refer to Miracle Sealants Care Guide. Refer to the Miracle Sealants Product Recommendation Chart for specific product recommendations.

Storage

Store Mira Dust in the original upright container properly sealed and unmixed. Stored at 77° F (40° C), Mira Dust will have a shelf life of 12 months. Do not allow to freeze.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

Caution

Use in a well ventilated area. This product contains a mild corrosive and must be used only as directed. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with food or beverages and risk of accidental ingestion. Do not transfer to other bottles or containers. Protect skin and eyes. If exposed flush with water. Chemical resistant gloves should be worn at all times. Keep small children and pets out of area until product or surface has thoroughly dried. Refer to the MSDS for additional information.

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Mira Dust

**Osha's Hazard Communication Standard
U.S. Department Of Labor**
29 CFR 1910.1200
Identity No:OMB No. 1218-0072
Name: Mira Dust**Section 1**

Manufacturers Name: Miracle Sealants Company
Address: 12318 Lower Azusa Road
Emergency Phone: 800-350-1901
City: Arcadia
State: CA
Phone: 626-443-6433
Date Prepared: 12-2009

Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
Potassium Oxalate	6487-48-5	Not Available	Not Available
Ammonium Bifluoride	1341-49-7	Not Available	Not Available
Acrylic Acid	79-10-7	10ppm	Not Available
VOC : 0% by weight (non-regulated)			

Section 3 - Physical/Chemical Characteristics

Boiling point: 141° C	Freezing point: Not Available
Melting point: Not Available	Vapor pressure: (3) 4
Vapor density: 2.5	% Volatile: Not Available
Density: Not Available	Odor threshold: Not Available
Evaporation rate: Not Available	Acid/Alkalinity: Not Available
Solubility in organic solvent: Not Available	
pH: 2.3	

Solubility in water: (1) 25% In weight at 18° C
(2) 45.3% (3) Complete

Physical state: (1) Fine, granular, white, odorless crystals.
(2) White, transparent solid, slight acid odor
(3) Colorless liquid, sharply acrid odor

Specific Gravity: (1) 2.13 (2) 1.5 (3) 1.05

Section 4 - Fire And Explosion Hazard DataFlash Point: 50 T.C.C. LEL: 2
UEL: 8Extinguishing media: Water fog, CO₂, alcohol or dry chemical.

NFPA hazard rating (0 = Least, 4 = Extreme)

Health: 2 Fire: 0
Reactivity: 0 Other: 0

HMIS Hazard Rating:
Health: Not Available Fire: Not Available
Reactivity: Not Available

Special fire fighting procedures: None Known
Unusual fire & explosion hazard: None Known

Section 5 - Reactivity Data

Stability: Stable
Conditions to avoid: Heat and any open flame
Incompatible materials to avoid: Strong oxidizers, acids and alkalis, aldehydes, ethers and amines.

Hazardous polymerization: May occur.
Conditions to avoid: Excessive heat and freezing
Hazardous decomposition products: NH₃ and HF, which are corrosive.

Section 6 - Health Hazard Data**Routes of Entry:**

Inhalation - Possible
Skin - Possible
Ingestion - Possible
Health hazards - Same as signs and symptoms of exposure

Carcinogenicity:
OSHA - No
NTP - No
IARC Monographs - No

Signs and Symptoms of Over Exposure:

Eyes: Material is ocular irritant & may cause cornea damage. Healing is usually complete if first aid measures have been promptly initiated.

Skin: May cause irritation to skin.

Ingestion: May cause systemic poisoning and cause severe damage to the esophagus and stomach. May cause hypocalcemia, possibly fatal.

Inhalation: Irritation, may cause coughing & difficult breathing. Excessive inhalation may cause systemic poisoning.

Medical conditions generally aggravated - Hypocalcemia, liver or kidney diseases.

Signs and symptoms of over exposure: Pain in throat, esophagus and stomach.

Emergency and First Aid Procedures

Eyes: Promptly flush with plenty of water, lifting eyelids occasionally to facilitate irrigation. Continue for at least 15 minutes.

Skin: Wash with plenty of soap and water. Then flush with water. Remove clothing upon contamination and wash before reuse.

Ingestion: Do not induce vomiting. Get prompt medical attention.

Inhalation: Remove victim to fresh air. If exposure to dust or mist was severe, get medical attention.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Promptly sweep or shovel material into an empty container, avoiding dusty conditions. Label container "poison" and close for later use or disposal. Complete clean-up by flushing residue with plenty of water. Skin and eye protection should be used.

Waste disposal method: Dispose of in accordance with federal, state and local regulations.

Precautions to be taken in handling and storing: store in a cool, dry place, away from food or feed product. Wash thoroughly after handling. Do not get in eyes, skin, clothing. Keep container closed. Do not ingest.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory protection: If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Plastic or rubber, chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses.

Other protective clothing or equipment: chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: Not Available

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: No SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.