

Mira Matte

Natural Stone Color Enhancer



www.miraclesealants.com

Color Enhancement For Textured Surfaces Including:

- Flamed Granite
- Flamed Limestone
- Textured Cast Stone
- Cleft Faced Slate
- Tumbled Marble
- Textured Natural Stone

Special Features

- Interior & Exterior
- Water Resistant
- U. V. Transparent
- Easy To Use
- Stain Resistant
- Non yellowing

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. Mira Matte is a unique product designed to enhance the natural color of all flamed, sandblasted, split faced, tumbled and textured surfaces. When used with one of our **Miracle Penetrating Sealers**, Mira Matte seals and protects while leaving a beautiful, low maintenance, color enhanced satin sheen. Mira Matte allows vapor to escape while offering a scuff and weather resistant surface. Mira Matte is U.V. transparent, will not yellow and can be used on both interior and exterior applications.

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.**

Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces.

Polish Enhancement

Not recommended.

NEW INSTALLATIONS - APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using. Mira Matte should not be diluted or thinned in any way. Mira Matte should be used as is direct from approved container.

Before Grouting: Apply **Miracle Penetrating Sealer** to all surfaces. This step will allow quick and easy cleanup after grouting. Grout can stain many surfaces if this procedure is not used. Apply **Miracle Penetrating Sealer** using a **Mira Brush Applicator** or a clean white towel. Apply enough to wet the surface. Be careful not to saturate the open grout joints. Allow **Miracle Penetrating Sealer** to stand for approximately 1 - 5 minutes for maximum penetration. Any excess sealer remaining at this time should be removed by wiping the surface with a clean dry towel. Typically we do not recommend a second application of sealer when utilizing **Mira Matte**. Allow **Miracle Penetrating Sealer** to dry 12 - 24 hours before continuing with the grouting procedure per manufacturers specification.

After Grouting: Once grouted make sure that all grout residue is removed from the surface with a clean sponge and water. Allow grout joints to dry at least 24 hours. If grout clean up is not performed effectively, additional cleaning may be necessary to remove remaining grout residue or haze. For this procedure use **GCFR (Grout, Concrete & Film Remover) (hydrochloric acid)**, **Pre-Cast Concrete Cleaner**, **Sulfamic Acid Crystals** or **Epoxy Grout Film Remover** as directed. Once the area has completely dried, proceed with the sealing of the grout for water and stain resistance. Apply **Miracle Penetrating Sealer** to all grout as directed. Allow sealer to dry to the touch (1 - 2 hours). Apply **Mira Matte** to the entire surface using a **Miracle Applicator** or pump sprayer (exterior use only). If a pump sprayer is used, **Mira Matte** should be evened out with a brush before it dries. Work small areas 30 - 60 square feet (3 - 6 square meters) at a time. Do not allow **Mira Matte** to puddle on the surface. Multiple applications may be necessary to achieve the desired results. Proceed with subsequent applications after the previous application has dried to the touch (approximately 1 - 2 hours). Be sure to even out **Mira Matte** on the surface, blending in overlap marks.

Existing Installations - Surface Preparations

Surface must be dry and free of contaminant, including previously applied sealers, dirt, lime & hard water deposits, efflorescence, rust & other heavy dirt and grime.

Surface Coating/Wax Removal: To remove existing coatings and/or waxes, use **Mira Strip** or **H2O Strip** per the instructions.

Heavy Duty Cleaning: To remove lime, hard water deposits, efflorescence, rust and other heavy dirt and grime use **GCFR** or **Pre-Cast Concrete Cleaner** as directed. If an additional non acid deep cleaning is necessary use **Liquid Poulitce** as directed.

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

Existing Installations - Application Instructions:

Follow the application instructions previously mentioned, except now, seal the grout joints at the same time as the rest of the tile or stone surface. When treating surface and grout at the same time, make sure all grout joints are saturated with **Miracle Penetrating Sealer**. Once the sealer is dry to the touch (1 - 2 hours), proceed with the application of **Mira Matte** color enhancer as previously mentioned. For added color where maximum stain repellency is not required, use **Mira Matte** by itself.

Special Note

On smooth or honed surfaces, wipe excess **Mira Matte** from the surface within 3 - 5 minutes. Do not let **Mira Matte** dry or become tacky before removing excess. **Mira Matte** has a strong odor and should be used in well ventilated areas. Allow new installations to cure per the manufacturer's specification before using **Mira Matte**.

Mold, Mildew and Bacteria Sanitation

For best results in killing mold, mildew, bacteria and other micro organisms, use **Miracle Disinfectant** or **Miracle Wipes** as directed.

Cure Time

Mira Matte will be dry to the touch in 2 - 4 hours and may be used for normal foot traffic. For optimum results the area should be kept dry and free from staining materials for 72 hours.

Coverage

Coverage will vary depending on the density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, **Mira Matte** will cover approximately 200 - 800 square feet per gallon (20 - 80 square meters per 3.785 liters).

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 Matte** in the original container, properly sealed to avoid contamination and solvent evaporation. Stored at 77° F (40° C), **Mira Matte** 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.

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Osha's Hazard Communication Standard U.S. Department Of Labor

29 CFR 1910.1200
Identity No: 6477

OMB No. 1218-0072
Name: Mira Matte

Section 1

Manufacturers Name: Miracle Sealants Company
Address: 12318 Lower Azusa Rd.
Emergency Phone: 800-350-1901
City: Arcadia
State: CA
Date Prepared: May 15, 2006

Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Aromatic Petroleum Distillates	64742-95-6	100ppm	100ppm
2-Butoxy Ethanol	11762	25ppm	25ppm
VOC Content: 830 g/L			

Section 3 - Physical/Chemical Characteristics

Boiling point: 212°F
Vapor pressure: Not tested
Vapor density: Not tested
Solubility in water: Insoluble
Appearance and odor: Light color liquid with aromatic hydrocarbon odor.

Specific gravity: 0.905
Melting point: Not tested
Evaporation rate: Not tested

Section 4 - Fire And Explosion Hazard Data

Flash point: 120°F
LEL: 1
PH: N/A
NFPA hazard rating - H F R S

Flammable limits: Not tested
UEL: 7
DOT#: UN 1255 (Combustible liquid)
(o-Least, 4-Extreme): 2 2 0 0

Extinguishing media: Regular foam carbon dioxide, or dry foam.
Special fire fighting procedures: Combustible - wear full bunker gear and NIOSH approved breathing apparatus

Unusual fire and explosion hazards: Vapors are heavier than air and may travel along the ground and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on drum, it can ignite explosively.

Section 5 - Reactivity Data

Stability: Stable
Conditions to avoid: Heat, flame and contact with strong oxidizing agents.
Incompatible materials to avoid: Strong oxidizers.
Hazardous decomposition or byproducts: CO, CO₂, Unidentified organic compound.
Hazardous polymerization: Will not occur.

Section 6 - Health Hazard Data

Routes of Entry:

Inhalation - Possible
Skin - Possible
Ingestion - Possible
Health Hazards - Same as signs and symptoms of exposure.
OSHA Carcinogenicity - No NTP - No IARC Monographs - No

Note: All chemicals incorporated into this product are found on the TSCA inventory list.

Signs and Symptoms Of Over Exposure:

Eyes - Burning irritation.
Skin - Prolong or repeated contact can cause moderate irritation, defatting and dermatitis.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness, and even death.

Medical conditions generally aggravated by exposure: same as signs and symptoms of over exposure.

Emergency and First Aid Procedures:

Eyes: Flush with water for 15 minutes. If irritation persists, call physician.
Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.
Ingestion: Do not induce vomiting, keep person warm, quiet and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.
Inhalation: If affected, removed individual to fresh air. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention immediately.

Section 7 - Precautions For safe Handling And Use

Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

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, out of direct sunlight. Do not freeze equal to or less than 32° F, or heat above 110°F.

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: Ventilate by opening all doors and windows. 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.

Ventilation:

Local exhaust - If available
Mechanical - If available

Special - None
Other - None

Protective gloves: Rubber, plastic - solvent resistant.

Eye protection: Tight fitting, splash proof safety glasses or goggles.
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:
OSHA Hazard Class:
UN/NA Number:
EPA Hazard Waste:
CPSC Classification:
Transportation Class: 55

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.

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.

WARRANTY & CAUTIONS

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.

Caution

Mira Matte contains petroleum distillates. All solvents must be considered toxic and must be used in a well ventilated area. Good ventilation means that fresh air is flowing in such a way as to feel a slight breeze. Open windows and use fans to circulate air. Continue to ventilate until vapors are eliminated. Exposure to high vapor concentration must be avoided. Inhaling the vapors can be harmful. Keep away from heat and open flames. Avoid prolonged contact with skin. Chemical resistant gloves should be worn at all times. Keep small children and pets out of area until product or surfaces has thoroughly dried. Refer to the MSDS for additional information.