

Epoxy Grout Film Remover

To Remove Epoxy Grout Residue From

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|----------------|------------------|-----------------|
| ■ Ceramic Tile | ■ Porcelain Tile | ■ Natural Stone |
| ■ Concrete | ■ Quarry Tile | |

Special Features

- | | | |
|-------------------------|---------------------|---------------|
| ■ Low Odor | ■ Rinses With Water | ■ Fast Acting |
| ■ No Methylene Chloride | ■ Cost Effective | |

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. Epoxy Grout Film Remover is a unique product designed for the removal of epoxy grout film from tile, concrete and stone surfaces. It will eliminate most residue left behind after an epoxy grout has been used. In addition, Epoxy Grout Film Remover will remove a variety of epoxies, acrylic, gym finish, shellac, varnish and lacquer. Epoxy Grout Film Remover contains NO METHYLENE CHLORIDE. The residue and the film it has removed is miscible with water.

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 surfaces.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using. This product is to be used directly from container and is not under any circumstances to be thinned or diluted with anything before use.

Small Areas or Spots: Apply Epoxy Grout Film Remover to the surface with a paint brush. Try to avoid getting on the grout joint. Allow to remain on the surface for 20 - 30 minutes and check repeatedly for softening of the cured epoxy film. You may need to allow for a longer cure time depending on how long film was down for and amount of film left on the surface. Allow to remain on the surface until the epoxy film is easily loosened. Remove Epoxy Grout Film Remover and residual epoxy film using a stiff-bristled brush (not steel wire) or coarse nylon scrubbing pad. Multiple applications may be necessary for more difficult situations. After removing residue, scrub the surface with a nylon pad and a solution of Mira Clean #1. Remove cleaning solution with a wet vacuum. Rinse with clean water after use and allow to dry.

Large Areas - Floors: Pour directly onto the surface and spread liberally with a brush or lamb's wool applicator. Work small areas approximately 3 feet wide. Avoid stepping into the solution. Allow to sit on the surface 15-30 minutes and agitate with a stiff brush. Begin checking for softening of the epoxy film every 5 minutes. Once the epoxy film has softened, remove it and the Epoxy Grout Film Remover with a wet vacuum, clean towels or mops. Multiple applications may be necessary. After removing residue, scrub the entire surface with a nylon brush or pad and a solution of H₂O Strip. Remove the cleaning solution with a wet vacuum. Rinse with clean water where necessary and allow to dry.

Special Note: Use Epoxy Grout Film Remover on the surfaces of the individual tiles, not the grout joint. In some extreme cases it may be necessary to treat the entire surface area. Regrouting may be necessary to repair softened or discolored grout joints. Used product must not be disposed of as ordinary waste. **Dispose of in accordance with state and local agencies.**

Heavy Duty Cleaning: Use Phosphoric Acid Cleaner, GCFR and Liquid Poultice as directed.

Light Cleaning: Use Mira Clean #1, Porcelain & Ceramic Tile Cleaner, Grout Cleaner, Mira Soap and Counter Kleen as directed.

Remove the cleaning solution with a wet vacuum. Rinse with clean water where necessary and allow to dry.

Water, Stain & Slip Protection

To protect cleaned area from future soiling and staining and increase static coefficient of friction, we recommend applying the appropriate Miracle Penetrating Sealer/Impregnator.

Color and Gloss Enhancement

For added color with "Textured and Non polished" surfaces, 511 Seal & Enhance or Mira Matte may be used. For porous type "Pavers", 511 Seal & Enhance may be used as directed.

Polish Enhancement

Periodically use Mira Dust, Marble Conditioner, Mira Brite, Mira Polish or Granite Brite as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Epoxy Grout Film Remover will cover from 50 - 150 square feet per gallon.

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 Epoxy Grout Film Remover in the original container, properly sealed. Stored at 77° F (40° C), Epoxy Grout Film Remover 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.
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. Chemical resistant gloves should be worn at all times. Skin and eye irritant. Avoid prolonged contact with skin. Avoid prolonged contact exposure to vapors. Do not take internally. 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.

Epoxy Grout Film Remover

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

 29 CFR 1910.1200 OMB No. 1218-0072
 Identity No: 06523 Name: Epoxy Grout Film Remover
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
N-Methylpyrrolidone	872-50-4	None	None
2-Butoxy Ethanol*	111-76-2	25 ppm	25 ppm

Note - *A Sara 313 Chemical
 VOC : 100% by weight (non-regulated)

Section 3 - Physical/Chemical Characteristics

Boiling point: >212° F	Specific gravity: .955
Vapor pressure: Not tested	Melting point: Not tested
Vapor density: Not tested	Evaporation rate: Not tested
Solubility in water: Miscible	

Appearance and odor: Light gold, solvent odor.

Section 4 - Fire And Explosion Hazard Data

Flash point: 190° F	Flammable limits: Not Available
LEL: Not Available	UEL: Not Available
pH: 9.5	

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

Health: 2	Fire: 1
Reactivity: 0	Other: 0

HMIS Hazard Rating:

Health: 2	Fire: 1
Reactivity: 0	

 Extinguishing media: CO₂, Dry Foam
 Special fire fighting procedures: None
 Unusual fire and explosion hazards: None
Section 5 - Reactivity Data
 Stability: Stable
 Conditions to avoid: None
 Incompatible materials to avoid: Strong oxidizers
 Hazardous decomposition or byproducts: CO, CO₂
 Hazardous polymerization: Will not occur.
Section 6 - Health Hazard Data**Routes of Entry:**
 Eyes - Possible
 Inhalation - Possible
 Skin - Possible
 Ingestion - Possible
 Health hazards - Same as signs and symptoms of exposure.

Carcinogenicity:

 OSHA: None NTP: None
 IARC Monographs: None
Signs and Symptoms of Over Exposure:
 Eyes: Burning sensation
 Skin: Irritation
 Ingestion: Irritation, nausea
 Inhalation: Dizziness, headaches, irritation

Medical conditions generally aggravated by exposure - None known.

Emergency and First Aid Procedures:
Eyes: Flush with water for 15 minutes. If irritation persists, call a physician.
Skin: Wash off with soap and water. If irritation persists, call a physician
Ingestion: Do not induce vomiting. Call physician or Poison Control Center.
Inhalation: Get person to fresh air. If unconscious, call a physician.
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 less than or equal to 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	Special - none
Mechanical - If available	Other - none

Protective gloves: Plastic or rubber, chemical 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#: Combustible

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: SARA 313 chemical identified - 2 (Butoxyethoxy) Ethanol.**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.