

Residue Remover

Ready to Use Solvent-Base Impregnator Remover For

- Granite
- Ceramic Tile
- Concrete
- Marble
- Porcelain Tile
- Natural Stone
- Grout

Special Features

- Easy-to-Use
- Removes Residue Left Behind with Solvent-Base Impregnators and Penetrating Sealers
- Safe for All Stone & Tile Surfaces
- Non Acid

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. **Miracle Impregnator Residue Remover** is a unique, solvent-base formula designed to remove the silicone/fluoropolymer residue common with solvent-base impregnators and penetrating sealers. **Residue Remover** is safe for use on granite, marble, limestone, natural stone, ceramic tile, porcelain tile, grout and concrete surfaces.

Sample Testing

Due to the differences of each substrate, several inconspicuous test patches should be completed to assure maximum performance. **User must determine the 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.

APPLICATION INSTRUCTIONS

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

Apply **Residue Remover** direct from the bottle to a terry cloth towel or cloth. Make sure and wet the towel liberally. Apply the **Residue Remover** directly making sure to wet the surface to the eye. Allow the **Residue Remover** to sit on the surface for 2 - 5 minutes and remove with a clean, dry terry cloth towel. Buff dry until all of the residue is removed. Do not allow the **Residue Remover** to air dry on the surface. If the surface dries or becomes tacky, more **Residue Remover** must be applied and then removed before it can air dry.

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

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

MAINTENANCE

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

Cure Time

Do not allow the **Residue Remover** to dry on the surface. Typically waiting 2 - 5 minutes is all that is necessary. If it becomes dry or tacky, wet the surface again and immediately, buff 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**, **Mira Matte** may be used. For porous type "Paver", **511 Seal & Enhance**, **Stone Polish**, **Granite Brite**, **MiraPolish**, **Mira Dust**, **Marble Conditioner** or **Tile Brite** may be used as directed.

Polish Enhancement

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

Mold, Mildew and Bacteria Sanitation

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

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution is left on the surface and application methods. Used as directed, **Residue Remover** will cover approximately 2,000 square feet per gallon (199 square meters per 3.785 liters).

Storage

Store **Residue Remover** in the original container upright and properly sealed to avoid contamination and evaporation. When store in the upright position at 77° F (40° C), **Residue 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 PT.
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
website: www.miraclesealants.com

Transportation

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

Caution

Residue Remover contains combustible 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 the 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 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.

Additional Products

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

Residue Remover

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

29 CFR 1910.1200 Identity No:	OMB No. 1218-0072 Name: Residue Remover
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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:	10-2008

Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV
Aliphatic Hydrocarbon	8052-41-3	500 ppm	100 ppm
VOC Content:	770 g/L		

Section 3 - Physical/Chemical Characteristics

Boiling point: 300 - 365°F @ 760 mm Hg
 Vapor pressure (68°F): 600 mm Hg Vapor density (Air=1): 4.700
 Liquid density: 6.440 lbs/gal @ 68°F Percent volatile: 100%
 State: Liquid
 Liquid Density: 6.400 lbs/gal at 68°F 0.268 Kg/l at 20.00° C
 Physical form: Homogeneous solution
 Appearance: Clear
 Color and odor: Colorless/hydrocarbon,
 Specific gravity (68° F): .768 pH: Not Available
 Evaporation rate (Butyl Acetate): .20

Section 4 - Fire and Explosion Hazard Data

Flash point: (TCC) 105°F
 LEL: 1.0 UEL: 6.0

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

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

HMIS Hazard Rating:

Health: Not Available	Fire: Not Available
Reactivity: Not Available	

Extinguishing media: Regular foam, carbon dioxide, dry chemical.

Hazardous products of combustion: May form carbon dioxide and carbon monoxide, various hydrocarbons.

Fire and explosion hazards: If product is heated above its flash point, it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from the material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even in residue) can ignite explosively.

Fire fighting procedures: Wear a self-contained breathing apparatus with full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of the MSDS.

Auto ignition temperature: 500°F

Section 5 - Reactivity Data

Stability: Stable
 Incompatible materials to avoid: Strong oxidizing agents.
 Hazardous polymerization: Will not occur
 Hazardous decomposition or by-products: May form carbon dioxide and carbon monoxide, various hydrocarbons.

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

Inhalation - Possible	Skin - Possible
Eyes - Possible	Ingestion - Possible
Health Hazards - Same as signs & symptoms of over exposure	

Carcinogenicity:

OSHA: None NTP: None
 IARC Monographs: None

Signs & Symptoms of Over Exposure:

Eyes: May cause mild eye irritation. Symptoms include stinging, tearing and redness.

Skin: May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of the skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Swallowing: Aspiration hazard. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation or other lung injury.

Inhalation: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits (see section 8).

Symptoms of exposure: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: Stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Other health information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Emergency and First Aid Procedures:

Eyes: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist, contact physician.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, contact physician. Launder clothing before reuse.

Inhalation: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Ingestion: If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention: keep person warm and quiet. If person is not breathing, begin artificial respiration, if breathing is difficult, administer oxygen.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: observe precautions from other sections. Collect any spills with absorbent material such as vermiculite, place collected material in a polyethylene lined metal container and seal. Clean up residue with water.

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

Storage and handling information: keep from freezing. Store in a cool dark place. Keep container dry and tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

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.

Engineering controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

Protective gloves: Plastic or rubber, chemical resistant.

Eye protection: Tight fitting, splash proof safety 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#: None

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.