

Liquid Powlitce Part A

Deep Cleaning Solution



www.miraclesealants.com

Deep Cleaning Action For Most Surfaces Including:

- Sanded Grout
- Clay Pavers
- Glazed Tile
- Brick
- Non-sanded Grout
- Masonry
- Limestone
- Marble
- Stucco
- Any Acid-Sensitive Natural Stone
- Quarry Tile
- Ceramic Tile
- Terrazzo
- Concrete

Uses

- Kitchen Counters
- Lobby Floors
- Interior Walls
- Kitchen Floors
- Bathroom Floors
- Exterior Walls
- Bathroom Showers
- Porches & Patios
- Monuments

Special Features

- Easy-to-Use
- No Acid
- Interior & Exterior Use
- Safe for All Polished Stone

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. Liquid Powlitce is a unique two part formulation, (Bottle A & Bottle B), designed for deep cleaning all porous stone surfaces and grout. The percolating cleaning action of Liquid Powlitce penetrates deep into the pores of the surface to safely lift out mold stains, mildew stains, algae stains, fungus stains, food grease, coffee, tea and other types of foreign matter from natural stone, grout, tile, concrete, stucco and masonry surfaces.

Liquid Powlitce is a non-acidic cleaner that will not harm the polish on polished stone surfaces.

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 masonry, wood, carpet, metal, landscaping and other non masonry surfaces.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using.

Thoroughly mix 1 part of Liquid Powlitce (Bottle A) with 2 parts hot water. (Cold water can be used but cleaning action will be reduced). Add 1 part Activator (Bottle B) to the above mixture. Once the Activator is added, be sure to keep the mixture vented to prevent oxygen build up. Mix in an open container. Once Activator (Bottle B) has been added, the solution must be used within 72 hours.

Wet the surface to be cleaned with water lightly before starting. Apply Liquid Powlitce with Mira Brush a clean mop, self-feeding floor machine or sprayer. Allow the solution to stand for a minimum of 45 minutes while agitating periodically with the appropriate scrub brush. DO NOT allow solution to dry on the surface. If surface starts to dry, add more Liquid Powlitce Solution. Extract all the dirty remains with a wet vacuum system. Rinse the surface thoroughly with hot water and allow to dry. Difficult stains may require a second application. On wall surfaces a fine mist of Liquid Powlitce maybe left to dry after initial cleaning is complete. Liquid Powlitce will continue to pull dirt to the surface for up to 72 hours after completion. Allow to dry 24 - 72 hours before sealing the surface.

Heavy Duty Cleaning: To remove lime, hard water deposits, efflorescence, rust and other dirt and grime use GCFR or Phosphoric Acid Cleaner as directed.

Water, Stain & Slip Protection

To protect cleaned areas from future soiling, 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, Mira Polish, Marble Conditioner or Granite Brite as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application method. Used as directed, Liquid Powlitce will cover approximately 500 - 1,000 square feet per gallon (45 - 93 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 Liquid Powlitce (Bottle A) and Activator (Bottle B) upright in their original containers, properly sealed and unmixed. Stored at 77° F (40° C), Liquid Powlitce 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

Liquid Powlitce is an alkaline liquid. Store in cool area. Only use this product in a well ventilated area. Good ventilation means that fresh air is flowing in such a way as to feel a slight breeze. Continue to ventilate until odors are completely eliminated. Avoid 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.

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.

Liquid Poultice Part A

Deep Cleaning Solution

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

29 CFR 1910.1200
Identity No: OMB No. 1218-0072
Name: Liquid Poultice (A)

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
2-Hydroxyethylamine	141-43-5	3 ppm	3 ppm
2-Butoxy Ethanol *	111-76-2	25 ppm	25 ppm

VOC : 0% by weight before dilution

Section 3 - Physical/Chemical Characteristics

Boiling point: 212°F
Vapor pressure (MmHg): Not tested
Vapor density: Not tested
Solubility in water: 100%
Specific gravity: 1.013
Melting point: Not tested
Evaporation rate: Not tested

Appearance and odor: Colorless, solvent odor

Section 4 - Fire And Explosion Hazard Data

Flash point: Not Available
LEL: None known
pH: 10.5-12.5
NFPA hazard rating (0 = Least, 4 = Extreme)
Health: 2
Reactivity: 0
HMIS Hazard Rating:
Health: 2
Reactivity: 0
Extinguishing media: CO2, dry foam.
Special fire fighting procedures: None
Unusual fire and explosion hazards: None
Flammable limits: Not tested
UEL: None known

Section 5 - Reactivity Data

Stability: Stable
Conditions to avoid: None
Hazardous polymerization: Will not occur
Hazardous decomposition or byproducts: None
Incompatible materials to avoid: None

Section 6 - Health Hazard Data

Routes of Entry:

Inhalation - Possible
Skin - Possible
Ingestion - Possible
Eyes - Possible
Health hazards - Same as signs and symptoms of overexposure.

Signs and Symptoms of Over Exposure:

Eyes: Burning sensation, irritation
Skin: Irritation
Ingestion: Burning irritation
Inhalation: Slight irritation

Medical conditions generally aggravated by exposure - None known.

Emergency and First Aid Procedures:

Eyes: Flush immediately with plenty of water for 15 minutes while holding eyelids open. If irritation persists, call physician.
Skin: Flush skin with water, follow by washing with soap and water. If irritation persists, call physician.
Inhalation: Move victim to fresh air, and provide oxygen if breathing is difficult. Call physician.
Ingestion: Do not induce vomiting. Call physician or Poison Control Center 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, 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
Mechanical - If available
Special - none
Other - none

Protective gloves: Plastic or rubber, chemical resistant.
Eye protection: Tight fitting, splash proof safety goggles.
Other protective clothing or equipment: None.

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#: Not Available
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.

Liquid Poultrice Part B

Deep Cleaning Solution



www.miraclesealants.com

Deep Cleaning Action For Most Surfaces Including:

- | | | |
|--------------------|------------------------------------|----------------|
| ■ Sanded Grout | ■ Masonry | ■ Quarry Tile |
| ■ Clay Pavers | ■ Limestone | ■ Ceramic Tile |
| ■ Glazed Tile | ■ Marble | ■ Terrazzo |
| ■ Brick | ■ Stucco | ■ Concrete |
| ■ Non-sanded Grout | ■ Any Acid-Sensitive Natural Stone | |

Uses

- | | | |
|--------------------|-------------------|--------------------|
| ■ Kitchen Counters | ■ Kitchen Floors | ■ Bathroom Showers |
| ■ Lobby Floors | ■ Bathroom Floors | ■ Porches & Patios |
| ■ Interior Walls | ■ Exterior Walls | ■ Monuments |

Special Features

- | | |
|---------------|-------------------------------|
| ■ Easy-to-Use | ■ Interior & Exterior Use |
| ■ No Acid | ■ Safe for All Polished Stone |

PRODUCT DESCRIPTION

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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

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APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using.

Thoroughly mix 1 part of **Liquid Poultrice (Bottle A)** with 2 parts hot water. (Cold water can be used but cleaning action will be reduced). Add 1 part **Activator (Bottle B)** to the above mixture. Once the **Activator** is added, be sure to keep the mixture vented to prevent oxygen build up. Mix in an open container. Once **Activator (Bottle B)** has been added, the solution must be used within 72 hours.

Wet the surface to be cleaned with water lightly before starting. Apply **Liquid Poultrice** with **Mira Brush** or clean mop, self-feeding floor machine or sprayer. Allow the solution to stand for a minimum of 45 minutes while agitating periodically with the appropriate scrub brush. **DO NOT** allow solution to dry on the surface. If surface starts to dry, add more **Liquid Poultrice Solution**. Extract all the dirty remains with a wet vacuum system. Rinse the surface thoroughly with hot water and allow to dry. Difficult stains may require a second application. On wall surfaces a fine mist of **Liquid Poultrice** maybe left to dry after initial cleaning is complete. **Liquid Poultrice** will continue to pull dirt to the surface for up to 72 hours after completion. Allow to dry 24 - 72 hours before sealing the surface.

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Color and Gloss Enhancement

For added color with "Textured and Non polished" surfaces, **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 Polish** or **Granite Brite** as directed.

Heavy Duty Cleaning

To remove lime, hard water deposits, efflorescence, rust and other dirt and grime use **GCFR** or **Phosphoric Acid Cleaner** as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application method. Used as directed, **Liquid Poultrice** will cover approximately 500 - 1,000 square feet per gallon (45 - 93 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 **Liquid Poultrice (Bottle A)** and **Activator (Bottle B)** upright in their original containers, properly sealed and unmixed. Stored at 77° F (40° C), **Liquid Poultrice** will have a shelf life of 12 months. Do not allow to freeze.

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Warranty

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Liquid Poultice Part B

Deep Cleaning Solution

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

29 CFR 1910.1200 OMB No. 1218-0072
Identity No: Name: Liquid Poultice (B)

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
Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm
VOC : 0% by weight			

Section 3 - Physical/Chemical Characteristics

Boiling point: 212°F Specific gravity: 1.027
Vapor pressure (MmHg): Not tested Melting point: Not tested
Vapor density: Not tested Evaporation rate: Not tested
Solubility in water: 100%

Appearance and odor: Colorless, odorless liquid.

Section 4 - Fire And Explosion Hazard Data

Flash Point: Not Available Flammable Limits: Not tested
LEL: Not tested UEL: Not tested
pH: 1.8 — 2.2

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

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

HMIS Hazard Rating:

Health: 2 Fire: 0
Reactivity: 1

Extinguishing media: CO₂, dry foam

Special fire fighting procedures: If leaking wear full protective clothing during fire as well as a NIOSH approved respirator.

Unusual fire and explosion hazards: None known

Section 5 - Reactivity Data

Stability: Stable

Conditions to avoid: None

Incompatible materials to avoid: Organic materials, excessive heat, metals, reducing agents.

Hazardous decomposition or byproducts: CO, CO₂, hydrogen.

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: Severe irritation

Ingestion: Nausea, severe burning Irritation

Inhalation: 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 physician.

Skin: Wash off with soap and water. If irritation persists, call physician.

Ingestion: Do not induce vomiting. Call physician or Poison Control Center immediately.

Inhalation: Remove to fresh air. If unconscious, call 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 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#: Not Available

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.

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