

Grout Pen

Section 1: Chemical Product And Company Identification

Identity: Miracle Grout Pen (water-based marker)
 Item: Bulk or Carded Stock
 Colors: All colors
 Formula: SKM121

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: 04 - 2011

Section 2: Composition/Information On Ingredients

1-Methoxy-2-Propanol (107-98-2) 0.5%
 2-Butoxyethanol (111-76-2) 0.5%
 Titanium Dioxide (13463-67-1)

Section 3: Hazards Identification

Acute hazard: None. KEEP OUT OF REACH OF CHILDREN. Direct contact may cause skin or eye irritation.

Section 4: First Aid Measures

Eyes - Immediately flush eyes with plenty of water for at least fifteen (15) minutes. Get medical attention immediately.

Inhalation: Remove to fresh air. If breathing is irregular seek medical attention. No adverse effects are anticipated from inhalation.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner.

Ingestion: If accidentally swallowed rinse mouth with water and obtain immediate medical attention.

Section 5: Fire Fighting Measures

Flash Point: 150 F Method Able Apparatus to British Standard BS 2000

Flammability Limits (% by volume): Non-flammable

Unusual Fire Explosion Hazards: none

Section 6: Accidental Release Measure

"In case of spill or accidental release, treat as water based paint."

Section 7: Handling And Storage

Handling: No special handling requirements.

Storage: KEEP OUT OF REACH OF CHILDREN.

Section 8: Exposure Controls/Personal Protection

Eye Protection None under normal use conditions.

Clothing None under normal use conditions.

Respirator None under normal use conditions.

Ventilation None under normal use conditions.

Section 9: Physical And Chemical Properties

For ink unless otherwise specified.

Boiling Point 100 C

Specific Gravity (H₂O = 1) @ 70 F Greater than one (1)

Vapor Pressure (mm-Hg @ 70 F): No Data Melting Point: No Data

Vapor Density (AIR = 1) Greater than one (1)

Evaporation Rate (Butyl Acetate=1) Less than one (1)

Solubility in Water 100% PH No Data

Appearance and Odor - White opaque thick viscosity liquid with paint odor.

Section 10: Stability And Reactivity

Chemical Unstable

Conditions to Avoid: Large volume ingestion.

Stability Stable X

Incompatibility (Materials to Avoid): None.

Hazardous Decomposition or By-products: None.

Hazardous May Occur Conditions to Avoid: No Data

Polymerization Will not Occur X

Section 11: Toxicological Information

None.

Section 12: Ecological Information

Not Available.

Section 13: Disposal Information

"Dispose of in accordance with all applicable local, state and federal regulations."

Section 14: Transport Information (Not Meant To Be All Inclusive.)

Non-flammable liquid paint.

Section 15: Regulatory Information (Not Meant To Be All Inclusive - Selected Regulations Represented)

TSCA INVENTORY: The product on this Material Safety Data Sheet is not listed on the Toxic Substances Control Act Inventory. All ingredients used to manufacture this product are listed on the TSCA Inventory.

Section 16: Other Information

"Miracle Sealants has been advised by attorney that the OSHA Hazard Communication Standard does not apply to the Miracle Sealants products listed in this MSDS. The explanation for the exemption is contained in 29 CFR 1910.1200(b)(6)(ix) as amended July 1, 2002 per the code of Federal Regulations. This information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the Hazard Communication Standard covers the product nor is this MSDS meant to comply with all requirements of the Hazard Communication Standard."

"These markers and inks contained within conform to ASTM D-4236 and have been examined by certified toxicologist in a program of toxicologic evaluation to assure they are in compliance with the Federal Hazardous Substance Act (FHSA), Labeling of Hazardous Art Materials Act (LHAMA), and ASTM D-4236."

Grout Pen

Grout Color Modification For

All Sanded, Non-sanded, Epoxy Grout and Mortar Joints.

Uses

- Kitchen Counters
- Bathroom Floors
- Kitchen Floors
- Service Porches
- Bathroom Showers
- Patios

Special Features

- Easy To Use
- Durable Formula
- Seals & Protects
- 9 Color Choices
- Custom Colors

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. Grout Color was designed to change or rejuvenate the color of all grout. It will seal and protect new grout from moisture and staining while allowing restoration of old existing grout without replacing. Grout Color Kit can be used on both interior and exterior applications and comes complete with a unique applicator tip and scrub pad for ease or remove of use. Grout Color Kit is available in 9 popular colors.

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.

APPLICATION INSTRUCTIONS - SURFACE PREPARATION

Read entire label and PDS/MSDS before using.

Grout should be allowed to cure per manufacturer's specification prior to using the product. Grout or mortar must be dry and free of contaminant, including previously applied sealer, dirt, lime, hard water deposits, efflorescence, rust & other heavy dirt and grime.

Test for previously applied sealer by applying a few drops of water to grout. If the water absorbs and darkens the grout then a sealer/coating has not been used or is no longer effective. If a sealer/coating is present it must be removed before continuing. Existing grout must be clean, dry and free of dirt & grease. If you are working with a porous tile surface it should be sealed with the appropriate **Miracle Penetrating Sealer/Impregnator** before using the **Grout Color Kit** to prevent surface staining. Make sure to avoid getting Impregnator on grout to be colored.

Coating/Wax Removal: To remove existing coatings and/or waxes use **Mira Strip** or **Finish Sealer Stripper** with a grout brush. Extract all dirty remains with a wet vacuum system and allow to dry.

Heavy Duty Cleaning: To remove lime, hard water deposits, efflorescence, rust and other heavy dirt, grease and grime use **Phosphoric Acid Cleaner**, **HDAC**, **Porcelain & Ceramic Tile Cleaner** or **Liquid Poultice** as directed. If an additional non acid, deep cleaning is necessary use **Liquid Poultice** as directed. All strippers and/or cleaners should be thoroughly rinsed with clean water and the materials allowed to dry.

Light Cleaning: Use **Tile & Stone Cleaner**, **Porcelain & Ceramic Tile Cleaner** or **Counter Kleen** as directed.

Application

Shake well before using. Do not apply when temperature is below 50° F or above 80° F. Apply **Grout Color Kit** to the grout or mortar joint with it's unique applicator tip using a back & forth motion. Try to limit the amount of colorant that gets onto the presealed tile or stone surface. If you are going from a dark color to a light color, 2 or more applications may be necessary. Allow **Grout Color Kit** to dry at least 5 - 10 minutes (time will vary depending on ambient temperature - test before application).

At this time remove colorant residue from the tile or stone surface with water and the enclosed nylon scrub pad. Allow a minimum of 2 hours drying time between applications. It should be easily removable from properly sealed porous tile or non-porous tile but bonded permanently to the grout or mortar joint. If **Grout Color Kit** is easily removed from grout joint, allow longer curing time. Avoid direct scrubbing on joint joints for at least 20 days to allow **Grout Color Kit** to reach maximum durability.

Cure Time

Grout Color Kit will be dry to the touch in 45 - 60 minutes and may be put into service. 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, **Grout Color Kit** will cover 37 - 145 square feet per 8-oz. bottle (5 square feet per 18 millimeters).

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 **Grout Color** in the original container, properly sealed to avoid contamination evaporation. Stored at 77° F (25° C), **Grout Color Kit** 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

Grout Color Kit contains combustible petroleum distillate. 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. Use 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 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.