



Safety Data Sheet

Monopole, Inc.

Product Name: Permashield 100

Issue Date: January 2016

Monopole Inc. encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

SECTION 1: Product and Company Identification

Product Name: Permashield 100

Product Codes:

Deep Tone Semi-Gloss: 5450, Low-Gloss: 5460
White Base Semi-Gloss: 5455, Low-Gloss: 5445
White Base Eggshell: 5430

COMPANY IDENTIFICATION

Monopole, Inc.
4661 Alger Street
Los Angeles, CA 90039
Tel: (818) 500-8585
Fax: (818) 502-0818

EMERGENCY TELEPHONE NUMBERS:

Health Emergency : (818) 500 -8585
Poison Center..... : (800) 222 - 1222
Chemtrec..... : (800) 424 -9300

SECTION 2: Hazard Identification

GHS Classification:

Skin Sensitization: Category 1

GHS Label Element:

Hazardous Pictogram



May cause and allergic skin reaction

Hazard Classification

Trace amounts of this material is considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Precautionary Statements

Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves
If on skin, wash with plenty of soap and water
If skin irritation or rash occurs; get medical advice/attention
Wash contaminated clothing before reuse

SECTION 3: Composition/Information on Ingredients

| Hazardous Components | % (by weight) | CAS# | Classification |
|----------------------|---------------|-------------|----------------|
| Water | 30 | 7732-18-5 | |
| Acrylic Emulsion | > 50 | Proprietary | Not Hazardous |
| Adipic Dihydrazide | < 0.05 | 1071-93-8 | Hazardous |

SECTION 4: First Aid Measures

Inhalation: Move to fresh air. If victim is not breathing, give artificial respiration. If victim's breathing is difficult, give oxygen. Call a physician.

Skin Contact: Wash skin with soap and water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Eye Contact: Flush eyes thoroughly with water for 15-20 minutes while holding eyelids apart. If eye irritation persists, consult a specialist.

Ingestion: Do not induce vomiting. Immediately give victim 2 glasses of water. Never give anything to an unconscious person. Call a physician.

SECTION 5: Fire Fighting Measures

Flash Point: Non-Flammable, Non-Combustible

Thermal Decomposition: Thermal decomposition may yield acrylic monomers.

Extinguishing Media: Water spray, foam, dry chemical, Carbon dioxide (CO₂).

Fire Fighting Instructions: Wear self-contained breathing apparatus, NIOSH and full protective equipment.

SECTION 6: Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Soak up with sawdust, sand, oil dry or other absorbent material. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Prevent material from entering sewers, waterways, or low areas.

Spills should be contained, solidified and placed in suitable containers for disposal.

Personal Precautions: Use appropriate Personal Protective Equipment during clean-up. Keep people away from and upwind of spill/leak. Material can create slippery conditions. Avoid contact with skin and eyes.

Environmental Precautions: Do not release untreated into natural waters.

SECTION 7: Handling and Storage

Handeling: Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use. Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material. Ensure adequate ventilation.

Storage: Store temperatures: 34°F - 95°F. Keep from freezing – product stability may be affected. Stir well before use. Keep container tightly closed.

SECTION 8: Exposure Controls and Personal Protection

Engineering Controls: Use only with adequate ventilation.

Personal Protection – Routine Handeling

Eye/Face Protection: Chemical goggles.

Hand Protection: Chemical resistance protective gloves.

Respirator Protection: Wear respiratory protection if ventilation is inadequate.

Protective Clothing / Skin Contact: Hands and face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

SECTION 9: Physical and Chemical Properties

Appearance and Odor: Milky liquid, Slight Odor

pH: 8-9

Boiling Point: 212°F Water

Solubility in Water: Miscible

VOC: 46 g/L

Deep Tone Base Specific Gravity: 1.044 g/cm³

White Base Specific Gravity: 1.224 g/cm³

SECTION 10: Stability and Reactivity

Chemical Stability: Stable.

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.

Materials to Avoid (Incompatibility): Metal and salts.

Conditions to Avoid: Freezing temperatures and excessive heat.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, hydrocarbons.

SECTION 11: Toxicological Information

No known applicable information.

SECTION 12: Ecological Information

No known applicable information.

SECTION 13: Disposal Considerations

Environmental Precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Waste Disposal Method: Dispose of in accordance with Local, State, and Federal Regulations. Regulations may vary in different locations. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.

MONOPOLE, INC. HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION 3: HAZARDOUS INGREDIENTS.

SECTION 14: Transportation Information

DOT PROPER SHIPPING NAME: Not regulated.

IATA PROPER SHIPPING NAME: Not regulated.

IMO PROPER SHIPPING NAME: Not regulated (not dangerous for transport).

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

SECTION 15: Regulatory Information

STATE REGULATIONS: CALIFORNIA

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): Warning. This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

US FEDERAL REGULATIONS

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : No
Chronic : No
Fire : No
Reactivity : No
Pressure : No

CERCLA: This product does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation AND Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SECTION 16: Other Information

| | | | | |
|-------------|------------------|----------------|--------------------|-----------------------|
| NFPA | Health Hazards 1 | Flammability 0 | Instability 0 | |
| HMIS | Health Hazards 1 | Flammability 0 | Physical Hazards 0 | Personal Protection X |

USER’S RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein, are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Monopole Inc. urges persons receiving this information to make their own determination as to the information’s suitability and completeness for their particular application. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.