



Maintenance Solutions

Impregnator H₂O

Water & Oil Stain Repellant



For Use On:

- | | | |
|----------|---------------|-------|
| Stone | Cement | Grout |
| Brick | Terra Cotta | |
| Concrete | Unglazed Tile | |

DESCRIPTION

Ready-to-use water based penetrating sealer for use on porous mineral surfaces. It provides a transparent subsurface barrier to give water and oil repellency. It makes the surface stain resistant, allowing easy clean up of most spills. It is non-yellowing for long lasting interior/exterior applications. This sealer provides durable protection without leaving a visible film, allowing the natural beauty of the stone to show.

DIRECTIONS

Clean surface with brush or broom to remove all loose dirt and debris. If dirt remains scrub area with solution of MISCO Super Blue. Remove cleaning solution with a wet vacuum, rinse thoroughly with clean water. Allow surface to dry completely before sealing.

Sealer can be applied with paintbrush, pad, roller or mop. Low-pressure pump-up garden sprayers can also be used for large areas. Apply at coverage of 150 – 1000 sq ft/gal. Generously wet the surface, but do not allow puddles to form. Coverage will depend on the porosity of the stone. Highly porous surfaces such as cement or concrete will require two coats. If a second coat is necessary, apply after first coat has dried for 15 –30 minutes.

Clean up all equipment with detergent and water, immediately after application. Allow 4 hour to dry before opening area to light traffic. Maximum performance will be reached in 48-72 hours.

PRODUCT SPECIFICATIONS

Color:	Clear light amber	Detergent Resistance:	Excellent
Odor:	Mild characteristic	VOC Content:	< 75 grams/liter
pH:	8.0 – 9.0	Storage/Stability:	2 years
Flash Point (TCC):	144 °F	Weight Per Gallon:	8.31 lbs./gal.
Dry/Recoat Time:	15-30 minutes min.	Freeze/Thaw Stability:	Keep from freezing

Concrete & Hard Surface Care

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name:
Misco Products Corporation
Manufacturer's Address:
1048 Stinson Drive Reading, PA 19605
Manufacturer's Phone #: (610) 926-4106

Product Name: Impregnator H2O
Generic Name: Water and Oil Stain Repellent
Chemical Family: Fluorochemical Dispersions
Formula: Proprietary

Supplier's Name:
Supplier's Address:
Supplier's Phone #:

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	70 to 100			
Aqueous Fluorochemical Solution	Trade Secret	0 to 10			
Fluoropolymer Dispersion	Trade Secret	0 to 10			
2-Butoxyethanol	111-76-2	0 to 5			
Isopropanol	67-63-0	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212° F. **Specific Gravity:** 0.95 – 1.05
Vapor Pressure: 20mm Hg @ 68 F. **Vapor Density (Air=1):** >1
% Volatile: 90+ **pH:** 8.0 – 9.0
Solubility in Water: Complete **Evaporation Rate (Water=1):** <1
Physical Description: Thin clear light amber liquid with mild characteristic odor.
VOC Content (Subpart D §59.406): <75 gm/liter

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 144° F. (TCC)
Upper Explosion Limit: 6.0 **Lower Explosion Limit:** 1.0
Extinguishing Media: Water mist, Foam, CO₂, or Dry Chemical
Special Firefighting Procedures: None
Unusual Fire and Explosion Hazards: Drums heated by fire can explode.

SECTION 5-REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** None
Hazards Decomposition Products: Will not occur **Incompatibility (Materials to Avoid):** None

SECTION 6-STORAGE AND HANDLING INFORMATION

Eye and Skin irritant. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Avoid circumstances that produce respirable particles (fine spray mists). Use in well-ventilated area only. Wash hands thoroughly after use. Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Prolonged or repeated contact may cause moderate irritation including dermatitis.
Eyes: Eye irritant. May cause redness, tearing, burning sensation.
Inhalation: Vapors may be irritating to nose, throat, and lungs. May cause dizziness, headache, and nausea. Excessive breathing of mists may cause serious injury to lungs.
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:

Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.
Inhalation: Immediately remove victim to fresh air and monitor. Seek medical attention if signs of irritation or difficulty breathing is observed.
Ingestion: Do not induce vomiting. Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Organic vapor canister respirator when in confined areas.
Ventilation Requirements: Provide adequate local where danger of mist contact will occur.
Protective Gloves: Chemical resistant rubber.
Eye Protection: Chemical splash goggles where danger of mist contact.
Other Protective Equipment: Eyewash should be available. Protective footwear (e.g. rubber boots) and protective pants when applying to floors.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:

Yes - Fire Hazard
No - Sudden Release of Pressure Hazard
No - Reactivity Hazard
Yes - Immediate (acute) Health Hazard
No - Delayed (chronic) Health Hazard

Domestic Shipping Information:

FOR CONTAINERS > 1 Gallon : Not Regulated
FOR 1 GALLON CONTAINERS : Not Regulated
FOR CONTAINERS < 1 GALLON : Not Regulated

HMIS Hazardous Materials Identification System

Health	2
Flammability	1
Reactivity	0
Personal Protection	B

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product