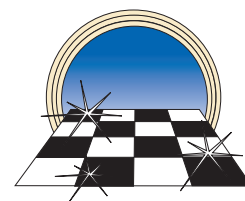




Ultra Compatible Zinc Free Finish



Scan for product's
Material Safety Data Sheet

FEATURES

- Cutting edge zinc free polymer
- Exceptional quat & soil resistance
- Low ammonia
- UL Environment Certified

BENEFITS

- Prolongs floor finish life cycle
- Long term film clarity
- No odor
- Dramatically improves recoatability
- Meets LEED certification and other green regulated mandates

AREAS OF USE:

- Supermarkets
- Retail stores
- Healthcare facilities
- Hallways
- Office buildings
- Vinyl tiles
- Linoleum
- Terrazzo
- Slate
- Concrete

DIRECTIONS

PREPARATION: If stripping is necessary, use a high quality stripper and follow the directions accordingly. Follow with a thorough rinsing and allow floor to dry completely. If stripping is not necessary; sweep up loose dirt and dust. Clean with a quality cleaner to remove dirt and oils. Follow with a thorough rinsing and allow floor to dry completely.

FINISHING: Spread a liberal coat of finish evenly across the floor with a clean mop or applicator. Allow each coat to dry at least 30 minutes before applying the next coat. Four to five coats is ideal initially, depending on the condition of the floor and desired gloss.

MAINTENANCE: The floor may be maintained using a quality floor cleaner and damp mopping regularly. Spray buffing or mop-on restoring may also be done after sweeping up loose dirt and dust. Follow directions for each product accordingly. This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by state and federal regulations

CAUTION

MAY CAUSE EYE OR SKIN IRRITATION WITH DIRECT CONTACT. Avoid contact with skin, eyes and clothing. Wear protective footwear when applying to floor. Avoid breathing of vapors. Use in well ventilated areas at all times. Floors are slippery when wet; keep all unauthorized persons away. Do not take internally. Wear rubber gloves when handling. Wash thoroughly with soap and water after handling. Keep out of reach of children.

FIRST AID

EYE CONTACT: Immediately flush with water for 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Flush with water followed by washing with mild soap and water. Remove contaminated clothing and launder before reuse. Seek medical attention if irritation develops.

INHALATION: Remove to fresh air. Seek medical attention if symptoms persist.

INGESTION: Call physician immediately.

SPECIFICATIONS:

Color:

Milky emulsion

Odor:

Mild

pH:

8.0 — 9.0

Non-Volatile Solids:

22%

Coverage:

1800 — 2200 ft² / gal.

Dry/Recoat Time:

30 minutes min.

Slip Resistance:

0.5 min. by ASTM D2047

Durability:

Excellent

Buffability:

High speed burnishing or spray buff

Detergent Resistance:

Excellent

Storage/Stability:

1 year

Weight Per Gallon:

8.5 lbs./gal.

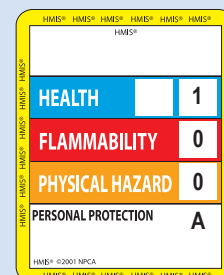
Freeze/Thaw Stability:

Keep from freezing



1048 Stinson Drive, Reading PA 19605
Phone: 1-800-548-4568

www.miscoproducts.com





eLUMINATE

Ultra Compatible Zinc Free Finish



Availability:

Packaging	Item #
4-1 F Gal.:	LUM-14MN
2-2.5 Gal.:	LUM-25MN
Pail/ 5 Gal.:	LUM-05MN
Drum/ 55 Gal.:	LUM-55MN
Tote/ 275 Gal.:	LUM-BKMN

Vinyl Tile
Azulejo del vinilo

Linoleum
Linóleo

Terrazzo
Terrazo

Concrete
hormigón

Slate
pizarra

DESCRIPTION

A new generation floor finish formulated with patented zinc free polymer technology that is designed to work with any type of maintenance program. This finish provides high initial gloss and unmatched gloss retention. New chemistry demonstrates exceptional soil resistance and color retention that far exceeds the leading commercial zinc containing finishes and allows the finish to form good film even in poor drying conditions. This environmentally preferable finish meets today's need for a product that contains no zinc or other heavy metals that can be harmful to wastewater treatment systems.



MISCO
1048 Stinson Drive, Reading PA 19605
Phone: 1-800-548-4568
www.miscoproducts.com

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: eLuminate
Generic Name: Ultra Compatible Floor Finish
Chemical Family: Acrylic Wax Blend
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	to 100			
Zinc-Free Acrylic Copolymer Dispersion	N/A	45 to 50			
Modified Propylene Copolymer	25722-45-6	0 to 5			
Oxidized Polyethylene	68441-17-8	0 to 5			
Tributoxyethyl Phosphate	78-51-3	0 to 5			
Diethylene Glycol Ethyl Ether	111-90-0	0 to 5			
TXIB™ Formula Additive	6846-50-0	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.
Vapor Pressure: <20mm Hg @ 68 F.
% Volatile: 75+
Solubility in Water: Complete
Physical Description: Thin milky liquid with characteristic odor.
VOC Content (% wt.): None

Specific Gravity: 1.015 – 1.025
Vapor Density (Air=1): =1
pH: 7.3 – 8.5
Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None (water based)
Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Extinguishing Media: N/A
Special Firefighting Procedures: Non Flammable
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable

Hazards Decomposition Products: Will not occur

Hazardous Polymerization: None

Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

CAUTION. Moderate eye irritant. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. 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. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

Skin: Prolonged or repeated contact may cause dermatitis.

Eyes: Eye irritant. May cause redness or swelling.

Inhalation: Prolonged exposure may cause dizziness, headache, nausea.

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: Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.

Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated areas only.

Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

Protective Gloves: Rubber or chemical resistant.

Eye Protection: Safety glasses or chemical splash goggles

Other Protective Equipment: Chemical resistant footwear e.g. rubber boots to protect feet. Long pants to protect legs.

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 offering for recycling.

SECTION 10-REGULATORY INFORMATION

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

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon : Liquid Floor Wax

FOR 1 GALLON CONTAINERS : Liquid Floor Wax

FOR CONTAINERS < 1 GALLON : Liquid Floor Wax

HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

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