

Gloss Restorer









restaurador del lustre

This product is an ideal companion for any environmentally responsible floor care program. Meets today's need for a product that contains no zinc or other heavy metals that can be harmful to wastewater treatment systems. Regular use of this product keeps floors looking great day after day. A special proprietary mix of acrylic polymers and surfactants will bond to the surface of the floor to create an anti-slip surface, while reducing the negative impact conventional floor care products have on our environment. Concentrated for economical use dilutions. The use of this product in an automatic scrubber is highly recommended, and is the most productive way to maintain your floors. This product is to be used on any floor that has a finish or protectant down as a base coating.

EcoLogo Certified Hard Floor Care Product CCD-147

ENVIRONMENTALLY RESPONSIBLE COMPARISON					
Traditional Products	elements				
Zinc cross-linked acrylic and modified-acrylic	Zinc-free cross-linked polymers				
emulsion polymer					
Nonylphenol ethoxylates	Linear Alcohol Ethoxylate*				
Formaldehyde	1,2-benzisothiazoline-3-one				
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Traditional Compound Descriptions:

Zinc cross-linked acrylic and modified-acrylic emulsion polymer – is used as a binder in floor finish and sealers. Trace amount of zinc may cause problems with toxicity of sewage effluent and meeting discharge permit requirement.

 $\label{lem:nonly_loss} \textbf{Nonylphenol ethoxylates} - a \ \text{non-ionic surfactant that is used to provide wetting} \ \text{and detergency.} \ \text{However, it is derived from a petroleum-based product.} \ \text{It has a suspected harmful biodegradable intermediate.}$

Formaldehyde – is commonly used as a preservative in coatings as well as detergents. However, it is a suspect carcinogen.

elements Compound Descriptions:

Zinc-free cross-linked polymers – is used as a binder in floor finish and sealers. It reduces toxicity of sewage effluent.

Linear Alcohol Ethoxylate* - listed as Positive Environmental Profile surfactant on EPA design for the Environment Formulator Initiative. A non-ionic surfactant made from linear primary alcohol that biodegrades readily to compounds with low toxicity.

1,2-benzisothiazoline-3-one – is an efficient microbiostat preservative for aqueous compositions such as floor finish and sealers. Low corrosivity and low odor. It is not a suspected carcinogen.

PRODUCT SPECIFICATIONS

Non-volatile Solids: $10.0 \pm 0.5\%$ Buffability: Spray buffing or high speed burnishing

Color: Milky emulsion **Detergent Resistance:** Excellent Odor: Low **VOC Content:** 0.18 lbs./gal. 8.4 - 9.0Storage/Stability: pH: 1 year Dry/Recoat Time: Weight Per Gallon: 8.40 lbs./gal. 45 minutes min.

Slip Resistance: 0.5 min. by ASTM-D2047 Freeze/Thaw Stability: Keep from freezing

Durability: Excellent

MATERIAL SAFETY DATA SHEET

Prepared by: Regulatory Affairs Dept. Effective Date: 1/09 Revision: N/A (Prepared According to 29 CFR 1910.1200) SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION Manufacturer's Name: Product Name: Gloss Restorer Supplier's Name: Misco Products Corporation Generic Name: Spray Buff, Mop on Restorer Manufacturer's Address: Chemical Family: Acrylic Wax Blend Supplier's Address:

Formula: Proprietary

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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						
Ethylene Acrylic Copolymer	9010-77-9	0 to 5						
Alcohol Ethoxylate	34398-01-1	0 to 5						
Dipropylene Glycol Methyl Ether	34590-94-8	0 to 5						
Fragrance	Proprietary	<1.0						
CECTION 2 DINVICAL DATA			CECTION 4 FIDE	AND EXPLOCION I	IAZADD DATA			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F. Specific Gravity: 1.007 Vapor Pressure: <20mm Hg @ 68 F. Vapor Density (Air=1): =1

% Volatile: 75+ **pH:** 8.8 - 9.2

1048 Stinson Drive Reading, PA 19605

Manufacturer's Phone #: (610) 926-4106

Solubility in Water: Complete Evaporation Rate (Water=1): <1

Physical Description: Thin milky liquid with characteristic odor.

VOC Content (% wt.): 0.18 lbs./gal.

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Upper Explosion Limit: N/A Lower Explosion Limit: N/A Extinguishing Media: N/A

Supplier's Phone #:

Special Firefighting Procedures: Non Flammable Unusual Fire and Explosion Hazards: N/A

Flash Point (Method Used): None

SECTION 5-REACTIVITY DATA

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

SECTION 6-STORAGE AND HANDLING INFORMATION

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. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. 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 recommended. 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: **Shipping Information:**

No - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

FOR CONTAINERS > 1 Gallon: Liquid Floor Wax

FOR 1 GALLON CONTAINERS: Liquid Floor Wax

FOR CONTAINERS < 1 GALLON: Liquid Floor Wax

Health Flammability 0 Reactivity 0 **Personal Protection**

HMIS Hazardous Materials

Identification System

N/A= Not Applicable

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# Percent by Weight **Chemical Name**

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