



Maintenance Solutions



FLOOR COATING AND FINISHING MATERIAL  
AS TO SLIP RESISTANCE ONLY  
17SU

# Fusion UHS

Daily Burnishable Finish



**For Use On:**

Vinyl Tile  
Vinyl Asbestos  
Asphalt Tile  
Linoleum

Rubber Tile  
Terrazzo  
Quarry Tile

**DESCRIPTION:**

A new generation, high gloss, user-friendly floor finish specially formulated for daily Ultra-High-Speed (UHS) burnishing. The metal-interlocked, acrylic-copolymer floor finish provides outstanding Ultra-High-Speed (UHS) burnish response and unsurpassed "wet look" gloss. It is ideally suited for a wide range of applications in the retail market and other areas where frequent daily Ultra-High-Speed (UHS) burnish maintenance is done.

**DIRECTIONS:**

**PREPARATION:** If stripping is necessary, use a high quality stripper and follow directions accordingly. If floor is in good condition and stripping is not necessary, sweep up excess dirt and dust and then clean with a good quality cleaner to remove dirt and oils. Follow with a thorough rinsing and allow drying completely.

**FINISHING:** Apply 3 or 4 liberal coats of finish using a clean mop. Allow a minimum of 30 minutes drying time between coats. Apply additional coat to obtain desired gloss.

**BURNISHING:** Dust mop or sweep thoroughly. Clean floor with a neutral floor cleaner diluted according to directions. Burnish using the appropriate pads.

**RESTORATION:** Dust mop or sweep thoroughly. Dilute restorer according to manufacturer direction and apply to floor with clean mop or auto-scrubber. Allow to dry to a haze and buff out with any type of UHS equipment-propane, battery, or cord electric.

**RECOATING:** Dust mop or sweep thoroughly. Deep scrub using a neutral floor cleaner diluted according to directions. Apply 1 or 2 liberal coats of finish using a clean mop.

**PRODUCT SPECIFICATIONS**

<b>Non-volatile Solids:</b>	20.0 ± 0.5%	<b>Coverage:</b>	Up to 2000-2500 sq. ft. per gal.
<b>Color:</b>	Milky emulsion	<b>Removability:</b>	With instant type strippers
<b>Odor:</b>	Mild	<b>Detergent Resistance:</b>	Excellent
<b>pH:</b>	8.0 – 9.0	<b>Heel Mark Resistance:</b>	Excellent
<b>Dry/Recoat Time:</b>	45 minutes min.	<b>VOC Content:</b>	0.44 lbs./gal.
<b>Slip Resistance:</b>	0.5 min. by ASTM-D2047	<b>Storage/Stability:</b>	1 years
<b>Leveling:</b>	Excellent	<b>Weight Per Gallon:</b>	8.66 lbs./gal.
<b>Buffability:</b>	Dry burnish/Spray Buff	<b>Freeze/Thaw Stability:</b>	Keep from freezing

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Manufacturer's Name:</b> Misco Products Corporation	<b>Product Name:</b> Fusion UHS	<b>Supplier's Name:</b>
<b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605	<b>Generic Name:</b> Daily Burnishable Finish	<b>Supplier's Address:</b>
<b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Chemical Family:</b> Acrylic Wax Blend	<b>Supplier's Phone #:</b>
	<b>Formula:</b> Proprietary	

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Acrylic Copolymer Dispersion	63744-68-3	45 to 50			
Modified Propylene Copolymer	25722-45-6	0 to 5			
Modified Styrene Acrylic Copolymer	N/A	0 to 5			
Tributoxyethyl Phosphate	78-51-3	0 to 5			
Diethylene Glycol Ethyl Ether	111-90-0	0 to 5			
Preservative	N/A	<0.1			

## SECTION 3-PHYSICAL DATA

<b>Boiling Point (°F):</b> 212 F.	<b>Specific Gravity:</b> 1.040
<b>Vapor Pressure:</b> <20mm Hg @ 68 F.	<b>Vapor Density (Air=1):</b> =1
<b>% Volatile:</b> 70+	<b>pH:</b> 8.0 – 9.0
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (Water=1):</b> <1
<b>Physical Description:</b> Thin milky liquid with characteristic odor.	

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> N/A	<b>Lower Explosion Limit:</b> N/A
<b>Upper Explosion Limit:</b> N/A	<b>Extinguishing Media:</b> N/A
<b>Special Firefighting Procedures:</b> Non Flammable	
<b>Unusual Fire and Explosion Hazards:</b> N/A	

## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> None
<b>Hazards Decomposition Products:</b> Will not occur	<b>Incompatibility (Materials to Avoid):</b> 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  
**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 discarding in trash.

## SECTION 10-REGULATORY INFORMATION

<b>SARA Title III - Section 311/312 -Hazard Categories:</b>	<b>Shipping Information:</b>	<b>HMIS Hazardous Materials Identification System</b>
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Liquid Floor Wax	<b>Health</b>
No - Sudden Release of Pressure Hazard		<b>Flammability</b>
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Liquid Floor Wax	<b>Reactivity</b>
Yes - Immediate (acute) Health Hazard		<b>Personal Protection</b>
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Liquid Floor Wax	

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</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