



**Maintenance Solutions**



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

# Flex

## Ultra Compatible Floor Finish

### For Use On:

Vinyl Tile  
Vinyl Asbestos  
Asphalt Tile  
Linoleum

Rubber Tile  
Terrazzo  
Quarry Tile



### DESCRIPTION

A new generation floor finish formulated with a patented polymer technology that is designed to work with a variety of maintenance methods, equipment, and floors due to its ultra-compatibility and flexibility. The finish provides superior gloss, excellent durability and superior leveling. New chemistry allows the finish to form good film even in poor drying conditions. Response is unsurpassed with any type of UHS equipment - propane, battery, or electric.

### 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 2 or 3 liberal coats of finish using a clean mop. Allow a minimum of 45 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>Detergent Resistance:</b>	Excellent
<b>Odor:</b>	Mild	<b>Heel Mark Resistance:</b>	Excellent
<b>pH:</b>	8.0 - 9.0	<b>VOC Content:</b>	0.40 lbs./gal.
<b>Dry/Recoat Time:</b>	45 minutes min.	<b>Storage/Stability:</b>	2 years
<b>Slip Resistance:</b>	0.5 min. by (ASTM-D2047)	<b>Weight per Gallon:</b>	8.62 lbs./gal.
<b>Leveling:</b>	Excellent	<b>Freeze/Thaw Stability:</b>	Keep from freezing
<b>Buffability:</b>	Dry burnish/Spray buff		
<b>Removability:</b>	With instant type strippers		

Misco Products Corporation, Reading, PA (800) 548-4568 FAX (610) 926-1194  
www.miscoprod.com

**Floor Finishes & Waxes**

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

<b>Manufacturer's Name:</b> Misco Products Corporation <b>Manufacturer's Address:</b> 1048 Stinson Drive Reading, PA 19605 <b>Manufacturer's Phone #:</b> (610) 926-4106	<b>Product Name:</b> Flex <b>Generic Name:</b> Ultra Compatible Floor Finish <b>Chemical Family:</b> Acrylic Wax Blend <b>Formula:</b> 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			
Acrylic Copolymer Dispersion	63744-68-3	45 to 50			
Polyethylene Wax	9010-77-9	10 to 15			
Grafted Vinyl Copolymer	67892-91-5	5 to 10			
Modified Acrylic Solution	65405-63-2	5 to 10			
Tributoxyethyl Phosphate	78-51-3	0 to 5			
Tripropylene Glycol Methyl Ether	25498-49-1	0 to 5			
Diethylene Glycol Monomethyl Ether	111-77-3	0 to 5			

## SECTION 3-PHYSICAL DATA

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

<b>Boiling Point (°F):</b> 212 F. <b>Vapor Pressure:</b> 20mm Hg @ 68 F. <b>% Volatile:</b> 75+ <b>Solubility in Water:</b> Complete <b>Physical Description:</b> Thin milky liquid with characteristic odor.	<b>Specific Gravity:</b> 1.032 <b>Vapor Density (Air=1):</b> >1 <b>pH:</b> 8.0 ñ 9.0 <b>Evaporation Rate (Water=1):</b> <1	<b>Flash Point (Method Used):</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
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## SECTION 5-REACTIVITY DATA

<b>Stability:</b> Stable <b>Hazards Decomposition Products:</b> Will not occur	<b>Hazardous Polymerization:</b> None <b>Incompatibility (Materials to Avoid):</b> None
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## 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

## SECTION 8-SPECIAL PROTECTION INFORMATION

**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.

**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.

**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 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 disposal 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> No - Fire Hazard No - Sudden Release of Pressure Hazard No - Reactivity Hazard Yes - Immediate (acute) Health Hazard No - Delayed (chronic) Health Hazard	<b>Shipping Information:</b> FOR CONTAINERS > 1 Gallon : Liquid Floor Wax  FOR 1 GALLON CONTAINERS : Liquid Floor Wax  FOR CONTAINERS < 1 GALLON : Liquid Floor Wax
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## HMIS Hazardous Materials Identification System

<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