

# SAFETY DATA SHEET

Date Issued : 09/23/2014

SDS No : FLE

Date Revised : 04/11/2018

Revision No : 1

Flex

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Flex  
**GENERAL USE:** Floor finish  
**PRODUCT DESCRIPTION:** Ultra Compatible Floor Finish  
**PRODUCT CODE:** FLE  
**CHEMICAL FAMILY:** Acrylic/wax Blend

### MANUFACTURER

MISCO Products Corporation  
1048 Stinson Drive  
Reading, PA 19605

**Emergency Phone:** 610-926-4106

**Customer Service:** 800-548-4568

**Transportation:** 800-548-4568

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

## 2. HAZARDS IDENTIFICATION

### GHS LABEL

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS).

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P262: Do not get in eyes, on skin, or on clothing.

P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

#### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

#### Storage:

P404: Store in a closed container.

#### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** White opaque liquid

**IMMEDIATE CONCERNS:** Mild eye irritant.

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** May be mildly irritating with prolonged or repeated contact.

**SKIN ABSORPTION:** None known.

**INGESTION:** Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**INHALATION:** None Expected.

### REPRODUCTIVE TOXICITY

**REPRODUCTIVE EFFECTS:** None known.

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** None known.

**MUTAGENICITY:** None known.

**ROUTES OF ENTRY:** Ingestion, eye

**CANCER STATEMENT:** None

**SENSITIZATION:** No known significant effects or critical hazards.

**WARNING CAUTION LABELS:** None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
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Acrylate Copolymer	15 - 20	TS
Diethylene Glycol Ethyl Ether	0 - 5	111-90-0
Tributoxyethyl Phosphate	0 - 5	78-51-3
Dibutyl Phthalate	< 1	84-74-2
2,5-furandione, polymer with propene	0 - 5	25722-45-6
Water	70 - 80	7732-18-5

**COMMENTS:** If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** No known significant effects or critical hazards.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Slight discomfort with redness, watering eyes.

**SKIN:** No known significant effects or critical hazards.

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** No known significant effects or critical hazards.

**ACUTE EFFECTS:** None known.

**CHRONIC EFFECTS:** No known significant effects or critical hazards.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** NA = Not Applicable

**EXTINGUISHING MEDIA:** NA = Not Applicable

**FIRE FIGHTING PROCEDURES:** NA = Not Applicable

#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

#### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Keep container closed to prevent drying out.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Diethylene Glycol Ethyl Ether	Supplier OEL	TWA	25	140
Dibutyl Phthalate	OSHA PEL	TWA		5
	ACGIH TLV	TWA		5

**ENGINEERING CONTROLS:** None

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** NA = Not Applicable

**PROTECTIVE CLOTHING:** NA = Not Applicable

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid  
**ODOR:** Characteristic.  
**ODOR THRESHOLD:** Not Established  
**COLOR:** White emulsion  
**pH:** 8.0 to 9.0  
**PERCENT VOLATILE:** >80  
**FLASH POINT AND METHOD:** None  
**FLAMMABLE LIMITS:** N/A  
**AUTOIGNITION TEMPERATURE:** NA = Not Applicable  
**VAPOR PRESSURE:** Not Available  
**VAPOR DENSITY:** > 1 Air = 1  
**BOILING POINT:** 212° F; 100° C  
**FREEZING POINT:** 32° F; 0° C  
**MELTING POINT:** Not Available  
**THERMAL DECOMPOSITION:** Not Available  
**SOLUBILITY IN WATER:** dispersable  
**EVAPORATION RATE:** (Water =1) 1.0  
**DENSITY:** 8.61 at (68°F)  
**SPECIFIC GRAVITY:** 1.032 grams/ml.  
**VISCOSITY:** Water thin.  
**(VOC):** None

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** No known significant effects or critical hazards.  
**CONDITIONS TO AVOID:** Strong oxidizing materials.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.  
**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Acrylate Copolymer	> 10000 mg/kg (rat)		
Diethylene Glycol Ethyl Ether	6031 mg/kg (mouse)	9143 mg/kg (rabbit)	
Tributoxyethyl Phosphate	3000 mg/kg (rat)	16 ml/kg (rabbit)	
Dibutyl Phthalate	8000 mg/kg (rat)	> 20860 mg/kg (rabbit)	> 4250 mg/m <sup>3</sup> (rat)

**DERMAL LD<sub>50</sub>:** No known significant effects or critical hazards.

**INHALATION LC<sub>50</sub>:** No known significant effects or critical hazards.

**SKIN CORROSION/IRRITATION:** No known significant effects or critical hazards.

**RESPIRATORY OR SKIN SENSITISATION:** No known significant effects or critical hazards.

**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.

### CARCINOGENICITY

**IARC:** No listed substance

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No known significant effects or critical hazards.

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Liquid floor wax, not regulated.

**U.S. CUSTOMS HARMONIZATION NUMBER:** 3209.10.00.00

**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Health - Acute

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS	Comments
Diethylene Glycol Ethyl Ether	0 - 5	111-90-0	N230 Certain Glycol Ethers

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**CALIFORNIA PROPOSITION 65:** WARNING: This product can expose you to chemicals including Dibutyl Phthalate, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to

[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical Name	Wt.%	Listed
Dibutyl Phthalate	< 1	<ul style="list-style-type: none"> <li>• Developmental Toxicity</li> <li>• Female Reproductive</li> <li>• Male Reproductive</li> </ul>

**CARCINOGEN:** No listed substance

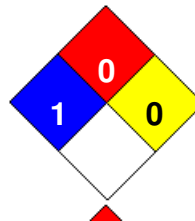
**16. OTHER INFORMATION**

**PREPARED BY:** Regulatory Affairs Department **Date Revised:** 04/11/2018

**REVISION SUMMARY:** This SDS replaces the 09/23/2014 SDS. Revised: **Section 15:** CALIFORNIA PROPOSITION 65. **Section 16:** ADDITIONAL SDS INFORMATION.

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>A</b>

**NFPA CODES**

**ADDITIONAL SDS INFORMATION:** Rev 0.1.0

**MANUFACTURER DISCLAIMER:** 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 the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.