

# SAFETY DATA SHEET

Date Issued : 09/24/2014

SDS No : ULT

Date Revised : 06/23/2020

Revision No : 2

Ultima

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Ultima  
**GENERAL USE:** Floor finish  
**PRODUCT DESCRIPTION:** High Solids Extended Wear Finish  
**PRODUCT CODE:** ULT  
**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 CLASSIFICATIONS

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

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

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

**CARCINOGENICITY:** None known.

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

**ROUTES OF ENTRY:** Ingestion, eye

**TARGET ORGAN STATEMENT:** No known significant effects or critical hazards.

**CANCER STATEMENT:** None

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

**WARNING CAUTION LABELS:** None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Acrylate Copolymer	15 - 20	TS
Diethylene Glycol Ethyl Ether	5 - 10	111-90-0
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	0 - 2	6846-50-0
Tributoxyethyl Phosphate	1 - 5	78-51-3
High density polyethylene emulsion	0 - 5	TS
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.

**SKIN ABSORPTION:** 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 and notify your local emergency services if this occurs.

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

**AIR SPILL:** NA = Not Applicable

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

### 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

**ENGINEERING CONTROLS:** None

#### PERSONAL PROTECTIVE EQUIPMENT

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

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

**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.

**PROTECTIVE CLOTHING:** Protective footwear (rubber boots) should be worn when using product for its intended use.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 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:** >70

**FLASH POINT AND METHOD:** None

**LOWER EXPLOSION LIMIT:** 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

**DECOMPOSITION TEMPERATURE:** Not Available

**SOLUBILITY IN WATER:** dispersable

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.60 at 20°C (68°F)

**SPECIFIC GRAVITY:** 1.03 grams/ml. at 20°C (68°F)

**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)
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)

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

**ORAL LD<sub>50</sub>:** Not Established

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

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

**SERIOUS EYE DAMAGE/IRRITATION:** Mild irritant

**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

**REPRODUCTIVE TOXICITY:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Not Established

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

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

## 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:** Not regulated.

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

##### AIR (ICAO/IATA)

**SHIPPING NAME:** Not regulated as a dangerous good.

##### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not regulated as a dangerous good.

#### 15. REGULATORY INFORMATION

##### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HEALTH HAZARDS:** Health - Acute

**311/312 PHYSICAL HAZARDS:** NA = Not Applicable

**313 REPORTABLE INGREDIENTS:** Diethylene Glycol Butyl Ether 112-34-5 (Category: N230 Certain Glycol Ethers)

##### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS	Comments
Diethylene Glycol Ethyl Ether	5 - 10	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.

##### CLEAN AIR ACT

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** No listed substance

**CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS):** No listed substance

**CALIFORNIA PROPOSITION 65:** No listed substance

**CLEAN WATER ACT:** No listed substance

**CARCINOGEN:** No listed substance

#### 16. OTHER INFORMATION

**REASON FOR ISSUE:** Revision: See section 16 for more information.

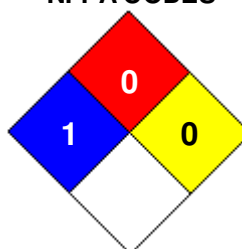
**PREPARED BY:** Regulatory Affairs Department **Date Revised:** 06/23/2020

**REVISION SUMMARY:** This SDS replaces the 08/29/2018 SDS. Revised: **Section 1:** REASON FOR ISSUE. **Section 2:** GHS CLASSIFICATIONS, CANCER STATEMENT, MUTAGENICITY, REPRODUCTIVE EFFECTS, SENSITIZATION, TARGET ORGAN STATEMENT, TERATOGENIC EFFECTS, GHS LABEL. **Section 4:** SIGNS AND SYMPTOMS OF OVEREXPOSURE - SKIN ABSORPTION. **Section 6:** SPECIAL PROTECTIVE EQUIPMENT. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT ( PROTECTIVE CLOTHING ), WORK HYGIENIC PRACTICES. **Section 9:** DENSITY, SPECIFIC GRAVITY, (VOC). **Section 11:** ACUTE - ORAL LD<sub>50</sub> (rat) REPRODUCTIVE TOXICITY, . **Section 14:** AIR (ICAO/IATA) - SHIPPING NAME DOT (DEPARTMENT OF TRANSPORTATION) - PROPER SHIPPING NAME VESSEL (IMO/IMDG) - SHIPPING NAME. **Section 15:** CLEAN WATER ACT, 313 REPORTABLE INGREDIENTS, CALIFORNIA PROPOSITION 65, 40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION, CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS). **Section 16:** ADDITIONAL SDS INFORMATION.

##### HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

##### NFPA CODES



**ADDITIONAL SDS INFORMATION:** Rev 1.1.0

**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.