

# MATERIAL SAFETY DATA SHEET

**UNIVERSAL CERAMICO**

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product: UC7 UNIVERSAL CERAMICO**

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	
Health	2
Flammability	3
Reactivity	0
Personal Protection	

### HAZARD STATEMENTS

#### WARNING!

Flammable liquid and vapor.  
Harmful if Inhaled. Causes skin/eye/respiratory irritation.  
Prolonged/repeated exposure may cause organ damage.  
May be fatal if ingested and enters airways.

#### PRECAUTIONARY STATEMENTS

Keep containers closed when not in use/avoid ignition sources.  
Avoid breathing vapors and direct contact.  
Store in well-ventilated location.  
Wear appropriate Personal Protective Equipment.  
Control vapor concentrations as necessary.  
Use only outdoors or in well-ventilated areas.



## SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Xylene	1330-20-7	75-85	Yes	6.6	1.1
2. Ethylbenzene	100-41-4	15-20	Yes	N/E	N/E

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313." *N/E: Not Established*

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** If irritation or redness develops, move victim from exposure source and into fresh air. Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.

**SKIN CONTACT:** Wash affected areas with mild soap and water; remove contaminated shoes/clothing. If symptoms persist, seek medical attention.

**INHALATION:** If respiratory symptoms develop, move victim from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel.

**INGESTION:** Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** 27 °C

**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical, or carbon dioxide.

**CHEMICAL/COMBUSTION HAZARDS:** Carbon monoxide, carbon dioxide, smoke, aldehydes, hydrocarbons, and incomplete combustion products.

**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid smoke inhalation. Personal protective equipment should include helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Evacuate all non-essential personnel from immediate area. Remove/extinguish ignition sources. A vapor-suppressing foam may be used to reduce vapor generation. Absorb with non-combustible absorbent and place in sealed containers for disposal. Control run-off and prevent from entering waterways, sewers, etc...Use non-sparking tools to collect spilled material, as well as contaminated absorbent.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Handle as a flammable liquid. Avoid direct contact and exposure to excessive vapor concentrations.

**SAFE STORAGE:** Keep containers closed when not in use. Keep away from ignition sources.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA					ACGIH		
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Xylene	100 ppm	N/E	N/E	Yes	100 ppm	N/E	150 ppm	N/E
2. Ethylbenzene	100 ppm	N/E	N/E	N/E	100 ppm	N/E	125 ppm	N/E

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Section 8 continued		N/E: Not Established
ENGINEERING CONTROLS: Use with adequate ventilation. Use explosion-proof equipment.		
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves. Respiratory equipment may be required.		
<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>		
BOILING POINT: 139 °C	VAPOR DENSITY: >1 (Air=1)	% VOLATILE BY VOLUME: N/E
EVAPORATION RATE: <1 (Ether=1)	pH LEVEL: N/A	% VOLATILE BY WEIGHT: 100
WEIGHT PER GALLON: 7.25	PRODUCT APPEARANCE: Clear Liquid	VOC CONTENT: 872 g/L
ODOR: Solvent	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: N/D	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D		N/D: Not Determined
<b>SECTION 10: STABILITY/REACTIVITY</b>		
STABILITY: Stable.		HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS AND MATERIALS TO AVOID: Static discharge, heat, sparks, open flame, alkalis, and strong oxidizing agents.		
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide/dioxide, incomplete combustion products.		
<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>		
EYE CONTACT: Direct contact may cause mild to moderate irritation. Product vapors may also cause irritation.		
SKIN CONTACT: Direct contact may cause mild to moderate skin irritation. Prolonged/repeated contact may result in irritation/dermatitis.		
INHALATION: Exposure may produce irritation to the nose, throat, respiratory tract, and other mucous membranes. Exposure to excessive vapor concentrations may cause signs of transient central nervous system depression (headache, drowsiness, loss of coordination, and fatigue). Repeated/prolonged occupational overexposures may result in permanent damage and can be potentially fatal.		
INGESTION: This product is anticipated to be slightly toxic. If ingested and lung aspiration occurs, serious lung damage may result. Ingestion of excessive quantities may result in symptoms of central nervous system depression.		
SIGNS AND SYMPTOMS: Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of gastrointestinal irritation include abdominal pain, vomiting and diarrhea. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, reduced lung function, and symptoms of central nervous system depression.		
AGGRAVATED MEDICAL CONDITIONS: Skin, respiratory, liver, kidneys, heart, and central nervous system disorders may be impacted by this product.		
OTHER HEALTH EFFECTS: Ethylbenzene is considered possibly carcinogenic to humans (IARC Group 2B). May cause damage to the following organs: blood, kidneys, lungs, liver, mucous membranes, heart, upper respiratory tract, skin, auditory system, central nervous system, eyes, lens and cornea.		
<b>SECTION 12: ECOLOGICAL INFORMATION</b>		
ECOTOXICITY: Contains components that are potentially toxic to both fresh and saltwater ecosystems	DEGRADABILITY: Rapid in aerobic conditions	BIOACCUMULATIVE POTENTIAL: N/E
	SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None recognized
<b>SECTION 13: WASTE DISPOSAL INFORMATION</b>		
WASTE DISPOSAL INFORMATION: Product is considered a hazardous waste for disposal purposes. Appropriate for fuel blending/incineration.		
<b>SECTION 14: TRANSPORTATION INFORMATION</b>		
HAZARDOUS/NON-HAZARDOUS MATERIAL: Hazardous.		
UN NUMBER: 1307	HAZARD CLASS: 3	PACKING GROUP: II
UN PROPER SHIPPING NAME: Xylenes		
ENVIRONMENTAL HAZARDS: N/E		
BULK TRANSPORTATION INFORMATION: Not applicable. Product not shipped in bulk configuration.		
SPECIAL PRECAUTIONS: Keep containers closed. Avoid ignition sources.		
<b>SECTION 15: REGULATORY INFORMATION</b>		
OTHER REGULATORY CONSIDERATIONS: None recognized.		
<b>SECTION 16: OTHER INFORMATION</b>		
PREPARATION DATE:	7/18/2018	
PREPARED BY:	Dave Carey	

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.