

# SAFETY DATA SHEET

Date Prepared : 09/13/2017  
 MSDS No : EL505  
 Date Revised : 07/14/2023  
 Revision No : 7

## E-LAS-TEK #505 Puddle Plaster

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** E-LAS-TEK #505 Puddle Plaster

**MANUFACTURER**

Holcim Solutions and Products US, LLC  
 26 Century Boulevard, Suite 205  
 Nashville, Tennessee 37214  
 1-800-878-7876 • www.holcimelastek.com

**24 HR. EMERGENCY TELEPHONE NUMBERS**

CHEMTREC (US Transportation): (800) 424-9300

**COMMENTS:** E-LAS-TEK is a registered trademark of Holcim Solutions and Products US, LLC

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

**Health:**

Target Organ Toxicity (Repeated exposure), Category 2

**GHS LABEL**



Health  
hazard

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H373: May cause damage to organs through prolonged or repeated exposure.

**PRECAUTIONARY STATEMENT(S)**

**General:**

6019NUEC: Exposure may aggravate pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits toxic fumes.

**Prevention:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

**Response:**

P314: Get medical advice/attention if you feel unwell.

**Disposal:**

P501: Dispose of contents/container according to local, regional, national, and international regulations.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Black Paste

**IMMEDIATE CONCERNS:** CAUTION! May cause eye, skin, nose and throat irritation.

**POTENTIAL HEALTH EFFECTS**

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

**SKIN:** Prolonged or repeated skin contact may cause irritation.

**INGESTION:** Not likely route of entry. Harmful if swallowed, may cause nausea. Consult a physician.

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**INHALATION:** Prolonged inhalation of vapor or mist can cause coughing, shortness of breath, dizziness, or intoxication.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Asphalt	< 40	8052-42-2
Bentonite Clay	< 40	1302-78-9
Vermiculite (carrier)	< 20	1318-00-9
Silica, Crystalline	< 0.5	14808-60-7

### 4. FIRST AID MEASURES

**EYES:** Flush eye with tempered water for 15 minutes lifting upper and lower eye lids occasionally. If irritation persists, contact a physician.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash or dispose of clothing before reuse.

**INGESTION:** Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Causes eye irritation.

**SKIN:** Mild to moderate skin irritant.

**INGESTION:** May cause vomiting.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not Applicable

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

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide, Carbon Dioxide

**EXPLOSION HAZARDS:** This material may burn, but will not readily ignite. Flammable and toxic hydrogen sulfide may form in closed headspaces. If water is applied to heated asphalt, it can cause violent foaming and boil over.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus with pressure-demand, full face piece SCBA (MSHA/NIOSH approved or equivalent) and full protective gear.

**COMMENTS:** Use water spray to cool containers exposed to fire.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately

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trained, authorized, and wearing the appropriate personal protective equipment (PPE) should participate in spill response and clean-up.

**LARGE SPILL:** Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Know and prepare for spill response before using or handling this product. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled containers for disposal. Use appropriate PPE. Place absorbent diking materials in covered containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption.

**HANDLING:** Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Use adequate ventilation.

**STORAGE:** Keep from freezing, material may coagulate. Do not store this material near food, feed or drinking water. Keep containers closed when not in use. Do not handle or store near heat or strong oxidants. Adequate ventilation required.

**STORAGE TEMPERATURE:** 15.6°C (60.1°F) Minimum to 26.7°C (80.1°F) Maximum

**SHELF LIFE:** 1 year from manufacture date

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Asphalt	OSHA PEL	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL [1]	0.5 mg/m <sup>3</sup> [1]
		STEL	NL [1]	NL [1]
Bentonite Clay	OSHA PEL	TWA	NL [1]	0.5 mg/m <sup>3</sup> [1]
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL [1]	0.5 mg/m <sup>3</sup> [1]
		STEL	NL [1]	NL [1]
Vermiculite (carrier)	OSHA PEL	TWA	None	15
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL	10 mg/m <sup>3</sup>
		STEL	NL [1]	NL [1]
Silica, Crystalline	OSHA PEL	TWA	NL	0.1 mg/m <sup>3</sup>
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL	0.05 mg/m <sup>3</sup>
		STEL	NL [1]	NL [1]

**Footnotes:**  
 1. NL = Not Listed

**ENGINEERING CONTROLS:** Exterior-use product. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields, goggles or full-face shield as required by 29 CFR 1910.133 - OSHA Eye and Face Protection Standard. A suitable emergency eye wash station and safety shower should be located near the work station.

**SKIN:** Wear chemical protective clothing & boots to prevent repeated or prolonged skin contact. Wear impervious gloves, if needed, to prevent repeated or prolonged skin contact.

**RESPIRATORY:** Where vapor concentrations exceed or are likely to exceed the occupational exposure limits, a NIOSH approved continuous flow supplied air respirator, hood or helmet is recommended. A NIOSH approved self-contained positive pressure breathing apparatus with full face piece is required for spills and/or emergencies.

**WORK HYGIENIC PRACTICES:** Use good hygiene practices when handling this material. Wash hands thoroughly after use.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash

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facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Paste

**ODOR:** Woodsy

**COLOR:** Dark Brown - Black

**pH:** Not Determined

**PERCENT VOLATILE:** < 1% by weight

**FLASHPOINT AND METHOD:** Not Applicable

**FLAMMABLE LIMITS:** NA to NA

**AUTOIGNITION TEMPERATURE:** Not Applicable

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** > 1 (Air=1)

**BOILING POINT:** Variable F

**FREEZING POINT:** Variable F

**MELTING POINT:** Variable F

**POUR POINT:** Not Determined

**SOLUBILITY IN WATER:** Disperses but not soluble in water

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not Determined

**EVAPORATION RATE:** < 1 (n-Butyl Acetate=1)

**DENSITY:** 8.53 lbs/gal

**PARTICLE SIZE:** Not Determined

**SPECIFIC GRAVITY:** 1.023

**VISCOSITY:** Not Determined

**MOLECULAR WEIGHT:** Not Determined

**(VOC):** < 1 gr/L EPA Method 24 VOC

**OXIDIZING PROPERTIES:** Not Determined

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** Product will not undergo polymerization.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heating this product that contains asphalt may produce hydrogen sulfide.

**INCOMPATIBLE MATERIALS:** May react with strong oxidizing agents, such as chlorates, nitrates, or peroxides.

### 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY**

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Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Asphalt	5001 mg/kg (rats)	2001 mg/kg (rat)	No data
Bentonite Clay	No data	No data	No data
Vermiculite (carrier)	No data	No data	No data
Silica, Crystalline	No data	No data	No data

**SERIOUS EYE DAMAGE/IRRITATION:** Mild to moderate eyes and skin irritation.

### CARCINOGENICITY

Chemical Name	NTP Status	IARC Status
Silica, Crystalline	1	1

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No environmental information was found for this product.

**ECOTOXICOLOGICAL INFORMATION:** No ecotoxicity data was found for this product.

**BIOACCUMULATION/ACCUMULATION:** No information for bioaccumulation is available.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Consult with your state and local hazardous waste requirements or guidelines to ensure compliance. Arrange disposal in accordance with EPA, state and local requirements.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not Regulated for Transport

**UN/NA NUMBER:** NA

**PACKING GROUP:** NA

## 15. REGULATORY INFORMATION

### UNITED STATES

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

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Asphalt	8052-42-2
Bentonite Clay	1302-78-9
Silica, Crystalline	14808-60-7

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### STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Silica, Crystalline	New Jersey Right to Know List Pennsylvania Right to Know List Massachusetts Toxic Use Reduction Act (TURA) Reportable Chemical

### CALIFORNIA PROPOSITION 65

Chemical Name	Wt. %	Listed
Silica, Crystalline	< 0.5	Cancer

### 16. OTHER INFORMATION

**Date Revised:** 09/13/2017

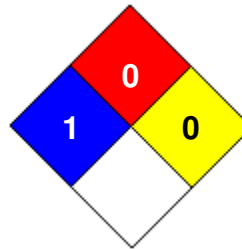
**INFORMATION CONTACT:** (520) 624-6282

**REVISION SUMMARY:** This MSDS replaces the 05/01/2015 MSDS. Revised: **Section 1:** Date Issued.

#### HMIS RATING

<b>HEALTH</b>	*	1
<b>FLAMMABILITY</b>		0
<b>PHYSICAL HAZARD</b>		0
<b>PERSONAL PROTECTION</b>		B

#### NFPA CODES



**GENERAL STATEMENTS:** Keep out of reach of children  
For professional or industrial use only

**MANUFACTURER DISCLAIMER:** This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his/her evaluation of the product's hazards and safety precautions to be taken in its use. The data in this SDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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