

## Hazardous Materials Identification System (HMIS)

Health 1 Flammability 0 Reactivity 0 Personal Protection G



#505  
Puddle Plaster™

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

STYRENE ACRYLIC CO-POLYMER ELASTOMERIC EMULSION

PRODUCT CODE: E-LAS\*TEK #505 PUDDLE PLASTER™

MSDS DATE: 04/18/2006

#### COMPANY IDENTIFICATION

Structural Elastomeric Products, Inc.  
3700 S. Palo Verde Road  
Tucson, Arizona 85713

#### EMERGENCY TELEPHONE NUMBERS

Health Emergency: 877-352-7835  
Spill Emergency: 877-352-7835

### 2. HAZARDOUS INGREDIENTS

#### Hazardous

Component	CAS %	OSHA PEL	AGG/HTLV
Asphalt	0052-42-4	Not Est.	Not Est.
Clay	1332-58-7	0.50mg/M <sup>3</sup>	0.50mg/M <sup>3</sup>
Vermiculite1	318-00-9	Not Est	3mg/M <sup>3</sup>

### 3. HAZARDS IDENTIFICATION

#### PRIMARY ROUTES OF EXPOSURE

Inhalation  
Skin Contact  
Eye Contact  
Ingestion

#### INHALATION

Prolonged inhalation of vapor or mist can cause the following:  
Coughing, shortness of breath, dizziness, intoxication

#### EYE CONTACT

Material can cause the following:  
Moderate irritation-burning sensation, tearing, redness, swelling

#### SKIN CONTACT

Prolonged or repeated skin contact can cause the following:  
Dermatitis, allergic reactions

#### INGESTION

May be health hazard when ingested in large quantities

*NOTES TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of the symptoms and clinical condition.*

### 4. FIRST AID MEASURES

#### INHALATION

Remove from vapor immediately. If overcome, call a physician. If breathing has stopped or irregular, start resuscitation or administer oxygen as needed. Get prompt medical attention.

#### EYE CONTACT

Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

#### SKIN CONTACT

Wash skin thoroughly with soap and water. If drenched, remove and wash clothing before reuse.

#### INGESTION

Contact physician immediately.

CARCINOGENICITY: NOT PROVEN IN HUMANS

IABC MONOGRAPHS: VOLUME 15, PART 4 (1.85)

OSHA REGULATED? No

### 5. FIRE-FIGHTING MEASURES

Flash Point ..... Noncombustible  
Auto-ignition Temperature ..... Not Applicable  
Lower Explosive Limit ..... Not Applicable  
Upper Explosive Limit ..... Not Applicable  
Hazardous Polymerization ..... Will Not Occur

#### EXTINGUISHING AGENTS

Foam, CO<sub>2</sub>, Dry Chemical, Water, Fog

#### PERSONAL PROTECTIVE EQUIPMENT

Firefighters should wear masks when extinguishing fires involving dried film.

#### SPECIAL PROCEDURES

Use water spray to cool containers exposed to fire.

### 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PROTECTION

Appropriate protective equipment must be worn when handling a spill of this material.

#### PROCEDURES

Keep spectators away. Recover free liquid. Floor may be slippery; use care to avoid falling. Contain spills immediately with an absorbent (e.g. sand, earth). Open all windows. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding, or advise authorities immediately.

**CAUTION:** Keep spills and runoff out of municipal sewers and open bodies of water.

### 7. HANDLING & STORAGE

#### STORAGE CONDITIONS

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. Keep from freezing. Adequate ventilation required. Do not handle or store near heat or strong oxidants.

#### HANDLING PROCEDURES

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and laundry before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

#### WASTE DISPOSAL METHOD

Assure conformity with applicable disposal regulations.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### RESPIRATORY PROTECTION

None required if good ventilation is maintained. Otherwise, wear a MSHA/NIOSH approved (or equivalent) half-mask, air-purifying respirator when concentrated vapors are encountered.

Ventilation: Local Exhaust, Face Velocity 60 fpm

### EYE PROTECTION

Use splash goggles or face shield when eye contact may occur, e.g., when spraying

### HAND PROTECTION

Use chemically resistant gloves to avoid repeated or prolonged skin contact.

Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

### ENGINEERING CONTROLS (VENTILATION)

Exterior-use product. Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec) at the point of vapor evolution.

### OTHER PROTECTIVE EQUIPMENT

Use chemical resistant apron or other clothing to avoid repeated or prolonged skin contact. Remove dried residue with waterless hand cleaner; follow with soap and water.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

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Appearance	Black paste
Color	Black/Brownish
State	Fluid
Odor Characteristic	Woody
Viscosity	Paste
Specific Gravity (Water = 1)	1.08
Vapor Density (Air = 1)	Heavier
Vapor Pressure	N/A
Melting Point	Variable
Boiling Point	212°F
Solubility in Water	Disperses but not soluble in water
Percent Volatility	45% Maximum
Evaporation Rate (BAc = 1)	Slower
Incompatibility	Strong Oxidants

*See Section 5, Fire Fighting Measures*

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## 10. STABILITY & REACTIVITY

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### INSTABILITY

This material is considered stable.

### HAZARDOUS POLYMERIZATION

Product will not undergo polymerization