

SAFETY DATA SHEET

ESL-3

FILE NO.:

DATE: 09/05/2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ESL-3
SYNONYMS: ESL-3 Ceramic
PRODUCT CODES:

MANUFACTURER: Absolute Concrete Products
DIVISION:
ADDRESS: 144 S. Main St. Union, OR 97883

EMERGENCY PHONE: 1-800-535-5053 (24 Hour)
INFOTRAC PHONE: +1-352-323-3500 or 1-800-535-5053
OTHER CALLS: (541) 562-2000

SECTION 2: HAZARDS IDENTIFICATION

ROUTES OF ENTRY:
Eye contact, inhalation

POTENTIAL HEALTH EFFECTS

EYES:
Irritation

SKIN:
N/A

INGESTION:
N/A

INHALATION:
Irritation

ACUTE HEALTH HAZARDS:
Low concentrations of silica dust may irritate the respiratory tract and eyes.

CHRONIC HEALTH HAZARDS:
Prolonged and repeated exposure to crystalline silica dust may cause silicosis and lung cancer.

Exposure Limits: ACGIH TLV free. Silica=0.1 ppm respirable dust
Teratogenicity: Not available
Irritancy of product: As noted above
Reproduction Toxicity: Not applicable
Sensitization: Does not meet criteria
Mutagenicity: Not applicable
Carcinogenicity: Free silica is a probable carcinogen, IAARC-2A list
Synergistic Products: Not available

SECTION 2 NOTES:
Free silica is a probable carcinogen, IAARC-2A list

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
14808-60-7		<35	
7727-43-7		<35	

SECTION 4: FIRST AID MEASURES

EYES:
Flush with running water for at least 20 minutes, while holding eyelids open. Refer individual to physician if irritation persists.

SKIN:
Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. Get medical attention if irritation persists.

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INGESTION:

Do not induce vomiting. Wash mouth out thoroughly with water. Give 3 or 4 glasses of water. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. If aspiration to the lungs is suspected, obtain medical advice urgently. Consult a physician.

INHALATION:

Remove to fresh air. Give artificial respiration as needed. Obtain medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not applicable
(% BY VOLUME) LOWER: Not applicable

FLASH POINT: Not applicable

AUTOIGNITION TEMPERATURE: Not applicable

EXTINGUISHING MEDIA:

Use appropriate means to extinguish surrounding fire. Use water spray to cool containers.

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters must wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Secure the spill area. Use all applicable personal protective equipment. Minimize generation of airborne dust during handling.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Store in a cool, dry place away from direct sunlight. Do not store near foodstuffs. Keep containers tightly closed when not in use. Minimize generation of airborne dust during handling.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use a combination of general dilution ventilation and local exhaust ventilation to control exposure.

RESPIRATORY PROTECTION:

NIOSH recommends, at any detectable level of crystalline silica in air, a positive pressure full facepiece self-contained breathing apparatus.

EYE PROTECTION:

Safety goggles strongly recommended.

SKIN PROTECTION:

Gloves not normally needed. Coveralls recommended. Footwear as required on job site.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Safety showers and eyewash stations should be available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Powder

ODOR:

Not applicable

PHYSICAL STATE:

Off

pH AS SUPPLIED: Not applicable

BOILING POINT:

F:

C: 2200

FREEZING POINT:

F:

C: 1500

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VAPOR PRESSURE (mmHg): Not applicable

@

F:

C:

VAPOR DENSITY (AIR = 1): Not applicable

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): 2.48

@

F:

C:

EVAPORATION RATE:

Not applicable

SOLUBILITY IN WATER:

Insoluble in water

SECTION 10: STABILITY AND REACTIVITY

STABLE

X

UNSTABLE

STABILITY:

Stable under normal conditions

INCOMPATIBILITY (MATERIAL TO AVOID):

Incompatible with hydrofluoric acid, silica may react violently.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

None known.

SECTION 10 NOTES:

Reactivity: Not reactive under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Follow all national, state and local regulations for non-hazardous waste management.

SECTION 14: TRANSPORT INFORMATION

SECTION 14 NOTES:

Not "Dangerous Goods" under TDGR

SECTION 15: REGULATORY INFORMATION

SECTION 15 NOTES:

None available

SECTION 16: OTHER INFORMATION

DISCLAIMER:

The information contained herein is based on data believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable regarding all current regulations.