

SAFETY DATA SHEET: Ectoflex 646 - COMPONENT A – Mixing liquid

Date prepared: **September 2026**



Section 1 – Product Identification

IDENTITY: *Product Name:* **Ectoflex 646 Component – A (Liquid)**

Chemical Characterization: **Acrylic Copolymer**

Product Use Description: **Surface applied concrete waterproofing coating**

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Recommended use of the chemical and restriction on use: Refer to the product technical data sheet. For industrial and professional users.

Section 2 – Hazards Identification

GHS Classification:

Skin irritation, Category 3 H316: Causes mild skin irritation.

Serious eye irritation, Category 2B H320: Causes eye irritation.

GHS Label element:

Hazard Pictograms: GHS07

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

H316: Causes mild skin irritation.

H320: Causes eye irritation.

Precautionary Statements:

Prevention:

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/ eye protection/face protection.

Response:

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313: IF exposed or concerned, get medical advice/attention.

P332 + P313: IF skin irritation occurs, get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

Storage:

P403 + P232: Store in a well-ventilated place. Protect from moisture. SAFETY DATA SHEET
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Disposal:

P501: Dispose of contents/container to an approved waste disposal site.

P502: Refer to manufacturer/supplier for information on recovery/recycling.

Section 3 – Composition / Information on Ingredients

Hazardous Components CAS No. OSHA PEL ACGIH TLV Percent

Water based acrylic copolymer dispersion

No hazardous components (VOC = 0 g/L) N.A. N.A.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence not require reporting in this section.

Section 4 – First Aid Measures

Inhalation: Supply fresh air and consult a physician in case of symptoms.

Ingestion: Drink copious amounts of water and provide fresh air. Consult a physician immediately.

Do not induce vomiting without medical advice. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

Skin Contact: Rinse skin with warm water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally and consult a physician.

Section 5 – Fire Fighting Measures

Auto ignition Temperature: Not combustible.

Hazardous combustion Products: Carbon monoxide (CO)
Carbon dioxide (CO₂)

Extinguishing Media: Water, foam, CO₂, extinguishing powder or water mist – Product is not combustible.

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.

Section 6 – Accidental Release Measures

Measures for Cleaning/Collecting: Wear appropriate protective equipment (see section 8). Contain and collect spillage with absorbent materials, i.e. sand, earth, vermiculite, diatomaceous earth, acid and universal binders, sawdust, and place in container for disposal. Rinse residual stain with water. Prevent material from reaching sewage and drainage systems or bodies of water.

Section 7 – Handling and Storage

Handling: Avoid contact with skin, eyes and clothing. Keep out of reach of children. Keep away from heat and direct sunlight. Do not store open containers. No special measures required. SAFETY DATA SHEET IDENTITY: **Ectoflex 646 (COMPONENT-A - Mixing liquid)**

Storage: No special storage precautions needed. Store in original container, away from food. Store containers tightly closed in a cool (frost free), well ventilated place.

Section 8 – Exposure Controls / Personal Protection

General Information: Eye-wash bottle must be available.

The product does not contain any relevant quantities of materials that have to be monitored at the workplace.

Engineering Controls: Provide good (mechanical) room ventilation to control any air contaminants.

Respiratory Protection: Not generally required if room is well ventilated. In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.

Skin Protection: When installing, wear appropriate protective gloves (butyl, rubber) to prevent hand-skin exposure. Wear appropriate impervious clothing to prevent skin exposure (long sleeve shirt and long pants).

Eye Protection: Wear tightly sealed safety glasses with side shields or goggles. Face shield as necessary.

Work/Hygienic Practices: Handle using good industrial hygiene and safety practices. Keep work area clean. Wash hands before breaks and after work, and before eating, drinking or smoking.

Section 9 – Physical and Chemical Properties

Physical State: Milky Liquid

Color: White

Odor: Weak, characteristic like acrylic

Solubility in water: Fully miscible

Flash Point: Not combustible

Lower explosion Limit: N/A

Upper explosion Limit: N/A

pH-value at 20oC: 7 – 9 at 73oF (23oC)

Boiling Point: 212oF (100oC) Water

Freezing Point: 32oF (0oC)

Specific Gravity (Density): 1.05 kg/L at 73oF (23oC)

Viscosity, dynamic at 20oC: 1,800 – 2,500 cps (mPas)

VOC Concentration as applied: 0 g/L

Section 10 – Stability and Reactivity

Thermal Decomposition: No decomposition if used as prescribed.

Chemical Stability: Stable under normal temperatures and pressures.

Hazardous Polymerization: Will not occur under normal conditions.

Incompatibilities: None known.

Section 11 – Toxicological Information

Product Information: SAFETY DATA SHEET IDENTITY: **Ectoflex 646 (COMPONENT-A - Mixing liquid)**

Acute Oral Toxicity:

Ectoflex 646 LD/LC50 values that are relevant for classification: No data existing.

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information:

The toxicological data are given by analogy.

According to experience, the product is considered to be harmless to health if used in the correct manner. On the basis of the product's composition, no acute general toxic effects are to be expected. Frequent contact can lead to skin and eye irritation, especially if product is allowed to dry out.

Section 12 – Ecological Information

Ecological Information: The product is a slight water pollutant. Large quantities may be toxic to fish. Do not empty into waterways and drains.

Section 13 – Disposal Considerations

Recommendations: Use excess product in an alternate beneficial application.

Smaller quantities can be disposed with household garbage.

Expose liquid product to fresh air to allow water to evaporate. Remaining cured product becomes a rubbery harmless mass.

Disposal: Dispose of in a manner consistent with federal, state and local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Cleaning Solution: Water. If necessary, add cleaning agents (i.e. soap, etc.).

RCRA Hazardous Waste: No. RCRA number: NONE.

Section 14 – Transport Information

DOT (Domestic Surface) Hazard Class or Division: Not regulated, not dangerous goods.

IMO (Ocean) Hazard Class or Division: Not regulated, not dangerous goods.

ICAO (Air) Hazard Class or Division: Not regulated, not dangerous goods.

Section 15 – Regulatory Information

TSCA Status: There are no TSCA 12(b) Chemicals in this product.

SARA 311/312 Hazard Categories:

Reactive Hazard: No

Pressure Hazard: No

Fire Hazard: No

Immediate/Acute: No

Delayed/Chronic: No

SARA 313 Notification: This product contains no toxic chemicals subject to the SARA 313 supplier notification requirements.

CERCLA: No CERCLA chemicals exist in this product above reportable concentrations.

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm:

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Section 16 – Other Information

Hazard Rating: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic

HMIS III rating:

Health: 1* Flammability: 1 Physical hazard: 0 Protection: X

Abbreviations and acronyms:

USDOT: United States Department of Transportation.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (Division of the American Chemical Society).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.

SDS prepared by: Edco Technologies product safety department.

DISCLAIMER:

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END OF MSDS (Jan 7th 2019)

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