



Omega Concrete Countertop Sealer™

Safety Data Sheet for Part A

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Omega Concrete Countertop Sealer™, Part A
PRODUCT CODES: OMEGA-A

MANUFACTURER: The Concrete Countertop Institute
STREET ADDRESS: 2810 Yonkers Rd Suites 5A & 5C
Raleigh, NC 27604

INFORMATION PHONE: 919-275-2121
EMERGENCY PHONE: Chemtrec 800-424-9300

DATE PREPARED: June 17, 2020

CHEMICAL NAME OR CLASS: Polyacrylate solution

SECTION 2: HAZARDS IDENTIFICATION

GHS INFORMATION:

GHS Classification: Skin corrosion/irritation category 2, serious eye damage/ eye irritation category 2B, Long term hazard to aquatic Environment category 3
GHS Label Elements: Exclamation Mark

HAZARD STATEMENTS:

Warning: Causes skin irritation. Causes eye irritation. Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

Keep out of reach of children. Read label and all instructions before use. Wash skin thoroughly after handling. Wear protective gloves, protective clothing, eye protection, and face protection. Use with proper ventilation.

HMIS HAZARD CLASSIFICATION:

HEALTH: 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **PERSONAL PROTECTIVE EQUIPMENT:** G

POTENTIAL HEALTH EFFECTS:

EYES: Material or high vapor concentration can cause irritation to the eyes.

SKIN: Can cause irritation to skin.

INGESTION: Liquid can cause irritation to the mucous membranes if swallowed.

INHALATION: High vapor concentration can cause irritation to the respiratory tract.

HEALTH HAZARDS (ACUTE AND CHRONIC): Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic responses.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS: Repeated or prolonged exposure of high levels of solvents via inhalation and ingestion may affect the liver or central nervous system.

CARCINOGENICITY: OSHA: No, NTP: No, IARC: No

ADDITIONAL CARCINOGENICITY INFORMATION: CAS# 11-76-2: May contain trace components of benzene, toluene, ethylbenzene and NJTSRN 800963-5170 and contains chemicals known to the state of California to cause cancer and birth defects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %		
Triethanolamine	102-71-6	none		5mg/m3	none	<3.0	
Polyacrylate resin	trade secret	none	none		none	30-50	
Reactive diluent	trade secret	none		none	none	<3.0	
2-Butoxyethanol	11-76-2	50ppm		20ppm	none	<0.5	
Cyclohexane (in polyether and polyethersiloxane emulsion)	110-82-7	300ppm	300ppm	none		<0.00001	
Other ingredients not reportable.							

SECTION 4: FIRST AID MEASURES

GENERAL: Take off contaminated clothing and wash it before reuse.

EYES: Immediately flush with large amounts of water for at least fifteen minutes while lifting upper and lower lids. Get immediate medical attention.

SKIN: Flush skin with water for at least 15 minutes and remove all contaminated clothing immediately. Get medical attention if reddening or swelling occurs.

INGESTION: Do not induce vomiting. Ingestion or vomiting may cause aspiration into the lungs resulting in chemical pneumonitis.

INHALATION: Remove victim to fresh air if effects persist and administer oxygen if necessary.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: >200°F Method used: SETA Flash

EXTINGUISHING MEDIA: Foam, alcohol foam, CO₂, dry chemical, water spray or fog.

SPECIAL FIRE FIGHTING PROCEDURES: A self-contained breathing apparatus (SCBA) should be available for fire fighters. Cool all fire exposed containers with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes will be evolved when this material is involved in a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Avoid contact with material. Wear the appropriate safety equipment. Stop spill at source, dyke area to prevent spreading. For large spills, pump liquid to salvage tank. Take up the remainder with an absorbent such as clay, sand, sawdust or general-purpose binder and place in disposal containers. Do not discharge into drains or groundwater.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid all skin contact. Avoid breathing vapors. Properly label all containers. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Observe good industrial hygiene and safe working practices.

STORAGE: Reseal partially used containers. Protect from freezing. Store between 5 °C (41 °F) and 35 °C (95 °F).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None required under normal conditions of use. Use NIOSH approved air-supplied respirator during cleaning, high temperature processing or when thermal decomposition is suspected.

VENTILATION: Avoid breathing vapors. Ventilation must be sufficient to control vapors.

HAND PROTECTION: Neoprene or rubber impervious gloves

EYE PROTECTION: Splash proof goggles or safety glasses with side shields

SKIN PROTECTION: Clean body covering clothing as well as apron and footwear equipment should be used as deemed necessary to avoid contact with the material.

GENERAL SAFETY AND HYGIENE MEASURES: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Low viscosity liquid, milky white color
ODOR: Negligible
ODOR THRESHHOLD: Not available
VAPOR DENSITY (AIR = 1): Not available
SPECIFIC GRAVITY (H2O = 1): 1.08
BOILING POINT OR RANGE: Not available
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Emulsifiable/miscible
pH: Not available
MELTING POINT: Not available
FREEZING POINT: Not available
VAPOR PRESSURE: Not available
AUTO IGNITION TEMPERATURE: Not available
PARTITION COEFFICIENT: n-octanol/water: Not available
DECOMPOSITION TEMPERATURE: Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Avoid contact with open flames and all sources of ignitions and sparks. Protect from freezing.
REACTIVITY: No hazardous reactions if stored and handled as prescribed/indicated.
INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with strong oxidizing agents or materials.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, carbon dioxide and nitrogen compounds.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

No data for the product. Toxicity data for reportable components:

Acute oral toxicity: LD50 >= 530 mg/kg (rat)
Acute dermal toxicity: LD50 >= 100mg/kg (rabbit)
Acute inhalation toxicity: LC50 468ppm 4 hours (rat)
Eye irritation: Severe eye irritant (rabbit)
Mutagenicity/Genetic toxicity in vitro: Not mutagenic in Ames test.

SECTION 12: ECOLOGICAL INFORMATION

No data for the product. Ecological information for reportable components:

CHEMICAL NAME	TYPE	SPECIES	LC/EC 50 (mg/L)	EXPOSURE	RESULT
Similar Product		Fish	Zebra fish	>100	96 hour Acute & prolonged toxicity
Similar Product		Invertebrates	Water flea	>1000	96 hour Acute toxicity

Considered a weak water pollutant under German law.

BIODEGRADATION: >90% after 28 day exposure.

SECTION 13: WASTE DISPOSAL

Dispose of contents and container in a waste disposal site in accordance with local, state, federal or international law. Do not reuse containers: Crush or puncture containers. The user is responsible for determining whether the waste is hazardous under RCRA.

SECTION 14: TRANSPORT INFORMATION

DOT: Not Regulated. Not dangerous goods.

IMO/IMDG: Not Regulated. Not dangerous goods.

IATA: Not Regulated for air transport. Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

No data for the product. Regulatory information for reportable components:

US Toxic Substance Control Act (TSCA): Listed on TSCA inventory.

Canadian Domestic Substances List (DSL): Listed on Canada DSL.

European Inventory of Existing Commercial Chemical Substances (EINECS): On EINECS list.

US EPA CERCLA Hazardous Substances (40 CFR 302): None.

Superfund Amendments and Reauthorization Act of 1986 (SARA):

SARA 302: No components with known CAS numbers exceed the threshold reporting levels.

SARA 311/312: None.

SARA 313: No components with known CAS numbers exceed the threshold reporting levels.

U.S. Massachusetts RTK - Substance List:

Polyacrylate resin (CAS trade secret)

Reactive diluent (CAS trade secret)

Trimethanolamine (CAS 102-71-6)

Cyclohexane (CAS 110-82-7)

U.S. New Jersey Worker and Community Right-to-Know Act:

Polyacrylate resin (CAS trade secret)

Reactive diluent (CAS trade secret)

Trimethanolamine (CAS 102-71-6)

Cyclohexane (CAS 110-82-7)

U.S. Pennsylvania Worker and Community Right-to-Know Law:

Polyacrylate resin (CAS trade secret)

Reactive diluent (CAS trade secret)

Trimethanolamine (CAS 102-71-6)

Cyclohexane (CAS 110-82-7)

U.S. Rhode Island Right to Know Law:

Cyclohexane (CAS 110-82-7)

U.S. California Proposition 65:

This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm: 2-Butoxyethanol (CAS 11-76-2)

SECTION 16: OTHER INFORMATION

DISCLAIMER: To the best of our knowledge the information contained here is accurate. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Neither the above-named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.