

## SECTION 1. IDENTIFICATION

**GHS PRODUCT IDENTIFIER:** Alchemco DuraTite® Foundation  
**OTHER MEANS OF IDENTIFICATION:** DuraTite Foundation

**PRODUCT CODE:** DT-FND050

**PRODUCT TYPE:** Surface Applied Concrete and Masonry Waterproofing Coating  
**IDENTIFIED USES:** Surface Applied Concrete and Masonry Waterproofing Coating

**SUPPLIER / MANUFACTURER:** Alchemco, A division of MBC North America, Inc  
3532 Mayland Court, Henrico, VA 23233  
800-610-2895

**EMERGENCY TELEPHONE NUMBER**

**WITH HOURS OF OPERATION** CHEMTREC - (800) 262-8200 24 hours

## SECTION 2. HAZARDS IDENTIFICATION

### GHS LABEL ELEMENTS

**HAZARD PICTOGRAMS:**



**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS:** H315: Causes skin irritation (alkaline when moistened).  
H318: Causes serious eye damage.  
H335: May cause respiratory irritation.  
H350: May cause cancer

### PRECAUTIONARY STATEMENTS

**PREVENTION:** P264: Wash skin thoroughly after handling.  
P280: Wear eye protection/face protection.  
P280: Wear protective gloves.  
P281: Use protective equipment as required.

**RESPONSE:** P302 + P352: IF ON SKIN: Wash with plenty of 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.

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**STORAGE:** P235: Keep cool.  
P402: Store in a dry place.  
P403: Store in a well-ventilated place.  
P404: Store in a closed container.

**DISPOSAL:** P405: Store locked up.  
P406: Store in corrosive resistant container with a resistant inner liner.

**HAZARDS NOT OTHERWISE CLASSIFIED** P501: Dispose of contents/container according to local, state and federal regulations.

**(NHOC):** NA

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

**SUBSTANCE/MIXTURE:** Portland Cement

**OTHER MEANS OF IDENTIFICATION:** NA

INGREDIENT	CAS #	%
Portland Cement	65997-15-1	25-50%
Silica Sand	14808-60-7	40-75%
Crystalline Quartz Silica	148808-60-7	40-75%

Any concentration shown as a range is to protect confidentiality or is due to batch variation. 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 require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4. FIRST AID MEASURES

### DESCRIPTION OF NECESSARY FIRST AID MEASURES

**EYE CONTACT:** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

**INHALATION:** Move affected person to fresh air at once. If in doubt, get medical attention promptly.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Use suitable lotion to moisture skin. Get medical attention if any discomfort continues. Chemical burns must be treated by a physician.

**INGESTION:** Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.

### MOST IMPORTANT SYMPTOMS, EFFECTS, ACUTE AND DELAYED POTENTIAL ACUTE HEALTH EFFECTS

**EYE CONTACT:** Sever irritation, burning and tearing.

**INHALATION:** Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

**SKIN CONTACT:** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Prolonged contact with moist or wet product may cause burns. May cause sensitization by skin contact.

**INGESTION:** May cause pain or vomiting. May cause chemical burns in mouth and throat.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

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CHRONIC: NA

## OVER-EXPOSURE SIGNS/SYMPTOMS

EYE CONTACT: NA

INHALATION: NA

SKIN CONTACT: NA

INGESTION: NA

## DELAYED EFFECTS FROM LONG TERM EXPOSURE

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES PHYSICIAN: Treat symptomatically. If in doubt, get medical attention promptly.

SPECIFIC TREATMENTS: NA

PROTECTION OF FIRST-AIDERS: Ventilate area. Wear PPE as specified in Section 8.

## SECTION 5. FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA: Use fire-extinguishing media suitable for the surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: NA

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: No unusual fire or explosion hazards noted.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Does not decompose when used and stored as recommended.

SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS: NA

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: As in any fire, wear positive-pressure self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NA

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONNEL: Wear protective clothing as described in Section 8 of this Safety Data Sheet.

FOR EMERGENCY RESPONDERS: NA

ENVIRONMENTAL PRECAUTIONS: Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate bodies.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

**SMALL SPILL:** Do not touch or walk into spilled material. Sweep up and remove for disposal. Residues or small spillages may be flushed away with water. Inform authorities if large amount are involved.

Note: Wear protective clothing as described in Section 8 of the SDS. Collect and dispose of spillage as indicated in Section 13.

**LARGE SPILL:** Do not touch or walk into spilled material. Sweep up and remove for disposal. Residues or small spillages may be flushed away with water. Inform authorities if large amount are involved.

Note: Wear protective clothing as described in Section 8 of the SDS. Collect and dispose of spillage as indicated in Section 13.

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## SECTION 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

<b>PROTECTIVE MEASURES:</b>	Avoid spilling. Avoid generation and spreading of dust. Avoid contact with skin and eyes. Avoid breathing dust. Do not eat, drink or smoke when using this product. Wear protective clothing as described in Section 8 of this safety data sheet.
<b>ADVICE ON GENERAL OCCUPATIONAL HYGIENE:</b>	NA
<b>CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES:</b>	Store in tightly-closed, original container in a dry, cool and well ventilated place. STORAGE CLASS: Chemical storage.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS

#### OCCUPATIONAL EXPOSURE LIMITS

**APPROPRIATE ENGINEERING CONTROLS:** Showers. Eye wash station. Adequate ventilation, especially in confined areas. NIOSH/OSHA half-face dust/mist respirator.

**ENVIRONMENTAL EXPOSURE CONTROLS:** NA

#### INDIVIDUAL PROTECTION MEASURES

**HYGIENE MEASURES:** Do not eat, drink or smoke when using this product.

**EYE/FACE/RESPIRATORY PROTECTION:** The following protection should be worn: Chemical splash goggles or full-face shield. Refer to 29 CFR 1910.133 for eye and face protection regulations. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**HAND PROTECTION:** It is recommended that chemical-resistant, impervious gloves are worn.

**OTHER SKIN and BODY PROTECTION:** Wear appropriate clothing to prevent skin contact. Refer to 29 CFR 1910.138 for appropriate skin and body protection requirements.

**RESPIRATORY PROTECTION:** Respiratory protection must be used if the airborne contamination exceeds the recommended occupation exposure limit. Protection against nuisance dust must be used when the airborne concentration exceeds 10mg/m<sup>3</sup>.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Gray
<b>PHYSICAL STATE:</b>	Powder
<b>ODOR:</b>	NA
<b>ODOR THRESHOLD:</b>	NA
<b>PH:</b>	NA

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MELTING POINT:	NA
BOILING POINT:	NA
FLASH POINT:	NA
EVAPORATION RATE:	NA
FLAMMABILITY (SOLID,GAS):	NA
LOWER AND UPPER EXPLOSIVE:	NA
VAPOR PRESSURE:	NA
VAPOR DENSITY:	NA
RELATIVE DENSITY:	NA
SOLUBILITY:	Insoluble in water
PARTITION COEFFICIENT N-OCTANOL/WATER:	NA
AUTO-IGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	NA
VISCOSITY:	NA
VOLATILITY:	NA

## SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:	There are no known reactivity hazards associated with this product. When mixed with water, an exothermic reaction will occur. Cemetitious products will then harden into a stable mass that is not reactive to normal environments.
CHEMICAL STABILITY:	No particular stability concerns.
POSSIBILITY OF HAZARDOUS REACTIONS:	Will not polymerize.
CONDITIONS TO AVOID:	Water, moisture.
INCOMPATIBLE MATERIALS:	Aluminum.
HAZARDOUS DECOMPOSITION PRODUCTS:	Does not decompose when used and stored as recommended.
HAZARDOUS POLYMERIZATION:	NA

## SECTION 11. TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

#### ACUTE TOXICITY

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Siliceous Mineral Fillers	LD.. Oral	Rat	2800 mg/kg	-
	LD.. Dermal	Rabbit	2001 mg/kg	-

#### IRRITATION/CORROSION

SENSITIZATION:	NA
CLASSIFICATION:	NA
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE):	NA
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):	NA
ASPIRATION HAZARD:	NA

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INFORMATION ON THE LIKELY ROUTES OF EXPOSURE: NA

## POTENTIAL ACUTE HEALTH EFFECTS

- EYE CONTACT:** Severe irritation, burning and tearing. Corneal damage. Blindness.
- INHALATION:** Dust may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. Shortness of breath.
- SKIN CONTACT:** Prolonged contact with moist or wet product may cause burns. Repeated exposure may cause skin dryness or cracking. May cause sensitization by skin contact. May cause stomach pain or vomiting.
- INGESTION:** Ingestion may cause severe irritation of the mouth, the esophagus and the gastro intestinal tract.
- HEALTH HAZARDS:** Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Prolonged and repeated contact may cause a dermatitis effect. May cause allergic contact eczema.

## SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

- EYE CONTACT:** Irritating.
- INHALATION:** May cause respiratory system irritation.
- SKIN CONTACT:** Slightly irritating.
- INGESTION:** Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract. May cause stomach pain or vomiting.

## DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONGER TERM EXPOSURE

### SHORT TERM EXPOSURE

- POTENTIAL IMMEDIATE EFFECTS:** NA
- POTENTIAL DELAYED EFFECTS:** NA

### LONG TERM EXPOSURE

- POTENTIAL IMMEDIATE EFFECTS:** NA
- POTENTIAL DELAYED EFFECTS:** Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Prolonged and repeated contact may cause a dermatitis effect. May cause allergic contact eczema.

## POTENTIAL CHRONIC HEALTH EFFECTS

- GENERAL:** NA
- CARCINOGENICITY:** NA
- MUTAGENICITY:** NA
- TERATOGENICITY:** NA
- DEVELOPMENTAL EFFECTS:** NA
- FERTILITY EFFECTS:** NA

## NUMERICAL MEASURES OF TOXICITY

### ACUTE TOXICITY ESTIMATES

## SECTION 12. ECOLOGICAL INFORMATION ON INGREDIENTS

### TARTARIC ACID DL (-) SYNTHETIC

- ECOTOXICITY:** Low acute toxicity to aquatic organisms. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.
- TOXICITY:** Not considered toxic to fish.

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- PERSISTENCE AND DEGRADABILITY:** The product contains inorganic substances which are not biodegradable. There is no data on the degradability of this product.
- BIO ACCUMULATIVE POTENTIAL:** The product does not contain any substances expected to be bio accumulating.
- MOBILITY:** The product hardens to a solid, immobile substance. No additional information available.
- RESULTS OF PBT AND vPvB ASSESSMENT:** This product does not contain any substances classified as PBT or vPvB.
- OTHER ADVERSE EFFECTS:** None known.

## SODIUM CARBONATE




- ACUTE TOXICITY—FISH:** LC50, 96 Hours: 300 mg/l, Freshwater fish.
- ACUTE TOXICITY—AQUATIC INVERTEBRATES:** EC50, 48 Hours: 200-227 mg/l, Daphnia magna.
- ACUTE TOXICITY—AQUATIC PLANTS:** IC50, 72 HOURS: >2420 mg/l, Algae

## SECTION 13. DISPOSAL CONSIDERATIONS

- DISPOSAL METHODS:** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local, state and federal regulations.

## SECTION 14. TRANSPORTATION INFORMATION

### U.S. DOT (Domestic Surface)

	DOT	IMDG	IATA
<b>UN Number</b>	Not applicable.	Not applicable.	Not applicable.
<b>UN Proper Shipping Name</b>	Not applicable.	Not applicable.	Not applicable.
<b>Transport Hazard Class(es)</b>	8 	8 	8 
<b>Packing Group</b>	Not applicable.	Not applicable.	Not applicable.
<b>Environmental Hazards</b>	No.	No.	No.
<b>Additional Information</b>	Not applicable.	Not applicable.	Not applicable.

**AERG:** NA

**SPECIAL PRECAUTIONS FOR USER:** NA

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE** NA

## SECTION 15. REGULATORY INFORMATION

SARA Section 313 Notification: This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 or CFR 372.

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

TSCA Section 12(b) Export Notification: There are no reportable TSCA 12(b) Chemicals in this product.

State Regulations: State RTK CAS Number Chemical name

MA, NJ, PA 65997-15-1 Cement, Portland, chemicals

MA, NJ, PA 14808-60-7 Silica, crystalline quartz

California Proposition 65: Warning – This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm: CAS 14808-60-7: Silica, crystalline quartz.

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# Foundation

DEA LIST I CHEMICALS  
(PRECURSOR CHEMICALS): NA

## SARA 302/304

COMPOSITION/INFORMATION ON INGREDIENTS

## SARA 311/312

CLASSIFICATION:

COMPOSITION/INFORMATION ON INGREDIENTS

## SARA 313

### STATE REGULATIONS

MASSACHUSETTS: NA

NEW YORK: NA

NEW JERSEY: NA

PENNSYLVANIA: 65997-15-1 Cement, Portland

CALIFORNIA PROP. 65 NA

## SECTION 16. OTHER INFORMATION

### HISTORY

DATE OF ISSUE MM/DD/YYYY: 02/09/2021

VERSION: 1

SUPERCEDES DATE MM/DD/YYYY: NA

PREPARED BY: Alchemco, Inc. 800-610-2895

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service (Division of American Chemical Society)

DNEL = Derived No Effect Level

DOT = U.S. Department of Transportation

GHS = Globally Harmonized System of Classification and Labeling of Chemicals

HMIS = Hazardous Materials Identification System

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LC50 = Lethal Concentrate, 50 percent

LD50 = Lethal Dose, 50 percent

LogPow = logarithm of the octanol/water partition coefficient

KEY ABBREVIATIONS: MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NIOSH = National Institute for Occupational Safety and Health

NPFA = National Fire Protection Association

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative, and toxic

PEL = Permissible Limit Value

REL = Recommended Exposure Limit

TLV = Threshold Limit Value

TWA = Time Weighted Average

UN = United Nations

vPvB = Very Persistent and Very Bioaccumulative

WEL = Workplace Exposure Limit

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