

Repair Grout

SECTION 1. IDENTIFICATION

GHS PRODUCT IDENTIFIER: Alchemco DuraTite® Repair Grout

OTHER MEANS OF IDENTIFICATION: DuraTite Repair Grout

PRODUCT CODE: DTD-RPM050

PRODUCT TYPE: Plug for use in Construction Industry
Plug for use in Construction Industry

Alchemco, A division of MBC North America, Inc.

SUPPLIER / MANUFACTURER: 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









SIGNAL WORD: DANGER

H314 Causes severe skin burns and eye damage

HAZARD STATEMENTS: H318 Causes serious eye damage

H317 May cause allergic skin reaction H335 May cause respiratory irritation

PRECAUTIONARY STATEMENTS H373 May cause damage to respiratory organs through prolonged or repeated

exposure

P201 - Obtain special instructions before use

PREVENTION: P202 - Do not handle until all safety precautions have been read and understood

P260 - Do not breathe dust

P264 - Wash hands, forearms and exposed areas thoroughly after handling P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves, protective clothing, face protection and eye protection

P301, P330, P331- If swallowed, rinse mouth, do not induce vomiting.

P303, P361, P353, P352 - If on skin or hair, remove all contaminated clothing, rinse skin

thoroughly and wash with

soap and water.

P304, P340 - If inhaled, remove person to fresh air and keep at rest in position of

RESPONSE: comfortable breathing

P305, P351, P338 - If in eyes, rinse with water for several minutes. Remove contact

lenses if present and easy to do

so. Continue rinsing.

P310 - Immediately call a poison center or doctor/physician P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash before reuse.

SAFETY DATA SHEET

P235: Keep cool.

P402: Store in a dry place.

STORAGE: P403: Store in a well-ventilated place. P404: Store in a closed container.

P405: Store locked up.

DISPOSAL: 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: Cement

OTHER MEANS OF IDENTIFICATION: NA

INGREDIENT	CAS#	%
Quartz Sand	497-19-8	30-40%
Calcium Hydroxide	1305-62-0	5-20%
Cement, Portland	65997-15-1	28-40%

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.

Remove contaminated clothing. Wash skin thoroughly with soap and water.

SKIN CONTACT: Use suitable lotion to moisture skin. Get medical attention if any discomfort

continues. Chemical burns must be treated by a physician.

Never give anything by mouth to an unconscious person. Do not induce vomiting.

INGESTION: Promptly get affected person to drink large volumes of water to dilute the swal-

lowed chemical. Give milk instead of water if readily available. Get medical atten-

tion 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.

Prolonged or repeated contact with skin may cause irritation, redness and

SKIN CONTACT: 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





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:

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

CHEMICAL:

HAZARDOUS THERMAL DECOMPOSITION

PRODUCTS:

Does not decompose when used and stored as recommended.

SPECIAL PROTECTIVE ACTIONS FOR

FIRE-FIGHTERS:

SPECIAL PROTECTIVE EQUIPMENT FOR

As in any fire, wear positive-pressure self-contained breathing apparatus

FIRE-FIGHTERS: (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:

Spillages or uncontrolled discharges into watercourses must be reported im-**ENVIRONMENTAL PRECAUTIONS:**

mediately to the Environmental Agency or other appropriate bodies.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

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. SMALL SPILL:

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

dispose of spillage a indicated in Section 13.

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.

LARGE SPILL:

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



SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

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 PROTECTIVE MEASURES: product. Wear protective clothing as described in Section 8 of this safety data

sheet.

NA

ADVICE ON GENERAL OCCUPATIONAL

HYGIENE:

CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES: Store in tightly-closed, original container in a dry, cool and well ventilated place.

STORAGE CLASS: Chemical storage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Portland Cement, CAS# 65997-15-1

ACGIH TLV: TWA: 1 mg/m3 8hours. A2. Form: Respirable fraction NIOSH REL: TWA: 5 mg/m3 10 hours. Form: Respirablefraction TWA: 10 mg/m3 10 hours. Form: Total dust

OSHA PEL: TWA: 5mg/m3 8 hours. Form: Respirablefraction

TWA: 15 mg/m3. 8 hours. Form: Total dust

Cal/OSHA PEL: TWA: 5 mg/m3. 8 hours. From: respirable fraction Cal/OSHA PEL: TWA: 10 mg/m3. 8 hours. Form: Total dust

• Silica, Quartz, CAS#14808-60-7

ACGIH TLV: TWA: 0.025 mg/m3 8 hours. Form: Respirable fraction NIOSH REL: TWA: 0.05 mg/m3 10 hours. Form: Respirable dust OSHA PE: TWA: 10 mg/m3 divided by %SiO2+ 2:Respirable TWA: 30 mg/m3 divided by %SiO2+ 2: Total dust Cal/OSHA PEL: TWA: 0.1 mg/m3. 8 hours. Form: respirable fraction WELs EH40/2005 (UK) TWA: 8 hours. 0.1 mg/m3 respirable dust

• Calcium Hydroxide, CAS#1305-62-0

ACGIH TLV: TWA: 5 mg/m3 8hours. A2. Form: Total dust NIOSH REL: TWA: 5 mg/m3 10 hours. Form: Respirablefraction TWA: 10 mg/m3 10 hours. Form: Total dust OSHA PEL: TWA: 5mg/m3 8 hours. Form: Respirablefraction TWA: 15 mg/m3. 8 hours. Form: Total dust Cal/OSHA PEL: TWA: 5 mg/m3. 8 hours. Form: Total dust WELs EH40/2005 (UK) TWA: 8 hours. 5 mg/m3 Total dust

APPROPRIATE ENGINEERING CONTROLS:

Showers. Eye was 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.

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 EYE/FACE/RESPIRATORY PROTECTION:

to 29 CFR 1910.134 for respiratory protection requirements.

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

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

appropriate skin and body protection requirements.

Respiratory protection must be used if the airborne contamination exceeds **RESPIRATORY PROTECTION:** the recommended occupation exposure limit. Protection against nuisance dust

must be used when the airborne concentration exceeds 10mg/m³.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Grav

PHYSICAL STATE: Powder

ODOR: NA

ODOR THRESHOLD: NA

PH: NA



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: Soluble in water

PARTITION COEFFICIENT

N-OCTANOL/WATER:

AUTO-IGNITION TEMPERATURE: NA

DECOMPOSITION TEMPERATURE: NA

VISCOSITY: NA

VOLATILITY: NA

SECTION 10. STABILITY AND REACTIVITY

There are no known reactivity hazards associated with this product. When

REACTIVITY: 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

IRRITATION/CORROSION

SENSITIZATION: NA

CLASSIFICATION: NA

SPECIFIC TARGET ORGAN TOXICITY

(SINGLE EXPOSURE):

SPECIFIC TARGET ORGAN TOXICITY NA

(REPEATED EXPOSURE): IN

ASPIRATION HAZARD: NA



INFORMATION ON THE LIKELY ROUTES OF

EXPOSURE: N

POTENTIAL ACUTE HEALTH EFFECTS

EYE CONTACT: Sever 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.

Prolonged contact with moist or wet product may cause burns. Repeated

SKIN CONTACT: 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.

Frequent inhalation of dust over a long period of time increases the risk of de-

HEALTH HAZARDS: veloping 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

Frequent inhalation of dust over a long period of time increases the risk of de-

POTENTIAL DELAYED EFFECTS: veloping 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.





The product contains inorganic substances which are not biodegradable. PERSISTENCE AND DEGRADABILITY:

There is no data on the degradablity of this product.

BIO ACCUMULATIVE POTENTIAL: The product does not contain any substances expected to be bio accumulating.

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
UN Number	Not applicable.	Not applicable.	Not applicable.
UN Proper Shipping Name	Not applicable.	Not applicable.	Not applicable.
Transport Hazard Class(es)	8	8	8
Packing Group	Not applicable.	Not applicable.	Not applicable.
Environmental Hazards	No.	No.	No.
Additional Information	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

SECTION 15. REGULATORY INFORMATION

This product is classified as non-Dangerous Goods

WHMIS Classification: D2A, toxic; E, Corrosive (when moistened)

European Hazard Symbol: C, Corrosive (when moistened); T, Toxic; Xi, Irritant

Globally Harmonized System (GHS) Classification:

Acute Toxicity Category 4; Skin Corrosion/Irritation Category 1 (when moistened)

HMIS: Health *2; Flammability 0; Physical Hazard 1.

OSHA: This product is considered a hazardous chemical. It is recommended to follow "Safety and Health Program Management Guidelines" by OSHA.

TSCA: This product is exempted from TSCA because it is defined as a mixture.

SARA: This product is considered a hazardous chemical and has a delayed health hazard under section 311 and 312 of the Emergency Planning and Community Right to Know Act (EPCRA) of 1986. This product does not contain any

ingredients regulated under Section 313 of the EPCRA, 1986 or 40 CFR 372.



Hazardous Substances and New Organisms Act (HSNO – EPA New Zealand) Approval Code: HSR 002542:

Construction Products (Corrosive [8.2C]) Group Standard. Subclasses 6.5, 6.9, 6.9B, 8.2C, 8.3A,

9.1D

U.S. State Regulations:

- New Jersey Workplace Hazard
- Pennsylvania Workplace Hazard
- California Proposition 65
- Massachusetts Hazardous Substance

This product has been classified in accordance with the hazard criteria of the

Controlled Products Regulations (CPR) and the SDS contains all of the information required by the

CPR.

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

KEY ABBREVIATIONS: LogPow = logarithm of the octanol/water partition coefficient

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 = Persistant, Bioaccumulative, and toxic

PEL = Permissable Limit Value REL = Recommended Exposure Limit

TLV = Threshold Limit Value TWA = Time Weighted Average

UN = United Nations

vPvB = Very Persistant and Very Bioaccumulative

WEL = Workplace Exposure Limit

