

SECTION 1: Identification

Product Name: Granicrete Hydro Barrier Membrane BLACK

Revision Date: 5/20/2023

Product Code: 7075

Package: 1 gal. / 3.78L pail ... 1 quart

Product Description: elastic gel Color: Black Odor: None Distinct

Intended Use: decorative, restorative

Company - Manufacturer: Granicrete International, Inc.

4602 S 36th Street, Phoenix, AZ 85040 USA

Web Address: www.Granicrete.com

Contact General: Domestic ... 1-602-438-9464 International ... 001-602-438-9464

Non-emergency email: safety@granicrete.com

Non-emergency fax: 1-602-438-9465

Contact 24-Hour Emergency:

PERS Domestic at 1-800-633-8253

PERS International at 001-801-629-0667

SECTION 2: Hazard(s) Identification



Signal Word: **Danger**

GHS Ratings:

Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Carcinogen	1A	Known Human Carcinogen Based on human evidence
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Organ toxin repeated exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure.

GHS Hazards

H319 Causes serious eye irritation
H335 May cause respiratory irritation
H350 May cause cancer
H372 Causes damage to organs through prolonged or repeated exposure

GHS Precautions

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P260 Do not breathe dust, mist or vapors
P261 Avoid breathing dust, mist, or vapors
P264 Wash hands, forearms and face thoroughly after handling
P270 Do not eat, drink or smoke when using this product

- P271 Use only outdoors or in a well-ventilated area
- P280 Wear protective gloves, protective clothing, eye protection, and face protection
- P281 Use personal protective equipment as required
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P314 Get Medical advice/attention if you feel unwell
- P304+P340 IF INHALED: Remove victim to fresh air. Keep at comfortable position.
- P305+P351
+P338 IF IN EYES: Rinse continuously 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
- P337+P313 If eye irritation persists, get medical advice/attention
- P405 Store secured out of reach of children and pets or locked up
- P403+P233 Store in a well-ventilated place. Keep container tightly closed
- P501 Dispose contents/containers in accordance with local, state, and federal regulations.

No Fire Hazard: Product does not pose a fire hazard.

SECTION 3: Composition and Information on Ingredients

This material is regulated as a mixture.

Ingredients / Components	CAS #	WT%
Feldspar	14808-60-7	12-15
Feldspar	68476-25-5	12-15

SECTION 4: First-Aid Measures

Eye Contact: Rinse with running water for 15 minutes. Hold eyelids apart while irrigating. Call physician immediately.

Skin Contact: Wash affected area thoroughly with pH-neutral soap. If irritation develops seek medical attention.

Inhalation: Move to fresh air. Get medical attention if coughing and other symptoms do not subside. Support breathing by giving O₂ / artificial respiration.

Ingestion: Rinse mouth thoroughly without swallowing. Get medical attention if needed. Do not induce vomiting unless directed by physician or poison control center.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: This product is not combustible

Appropriate: Use Water Spray, Foam, Dry Chemical or Carbon Dioxide

Inappropriate: none

Fire Fighting Procedures: none other than use NIOSH approved SCBA and Full Protective Equipment (FPN)

Unusual Fire and Explosion Hazard: Dust clouds in air can be ignited by electric sparks, hot surfaces and open flame.

Hazardous Combustion Products: none

Flammability Properties:

Flash Point (Method): None

Flammable Limits (Approximate volume % in air): LEL: none UEL: none

Auto-ignition Temperature: not combustible

SECTION 6: Accidental Release Measures

Personal precautions: May require NIOSH approved respirator if product becomes airborne. Ventilate area. Avoid contact with eyes, skin, and clothing.

Environmental precautions: Prevent entry into waterways.

Methods for clean-up:

Sweep up or vacuum immediately; avoid creating dusty conditions. Material can be absorbed into dry sand or dirt. Shovel up wet material and dispose per local regulation.

SECTION 7: Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Promptly remove dusty clothing or clothing that has become wet with the mixed product. Launder clothing before reuse. Wash thoroughly after exposure to product.

Storage: Store in cool well-ventilated place. Keep out of reach of children and pets.

SECTION 8: Exposure Control and Personal Protection



Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Feldspar 14808-60-7	PELs - (30)/(%SiO ₂ + 2) mg/m ³ TWA total dust PELs - (250)/(%SiO ₂ + 5) mppcf TWA, respirable fraction PELs - (10)/(%SiO ₂ + 2) mg/m ³ TWA, respirable fraction	0.025 mg/m ³ TWA (respirable fraction)	Not Established
Feldspar 68476-25-5	OELs not established	OELs not established	Not Established

Use explosion-proof equipment with flammable materials.

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Ensure adequate ventilation, with priority in confined areas.

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Change contaminated clothing immediately. Wash contaminated clothing before reuse.

SECTION 9: Physical and Chemical Properties

General

Physical state: liquid gel

Color: tan

Odor: slight

Safety Data

pH in water: 12 -13

Boiling point: 100C

Flash point: not applicable

Flammable limits (approximate volume % in air): not combustible

Auto-ignition temperature: not applicable

Vapor pressure (mm Hg.): 67.0 @ 20C

Water solubility: slightly

Vapor density (air = 1): 1.8

Density 1.01

SECTION 10: Stability and Reactivity

Stability: stable

Conditions to avoid: do not store so as to contact with moisture or direct sunlight

Materials to avoid: none identified

Hazardous decomposition products: does not spontaneously occur

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Mixture- Component Toxicity

14808-60-7	Feldspar	Oral LD50: 50 mg/kg (Rat)
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Carcinogenicity:

14808-60-7	Feldspar	14% weight IARC group 1 - Humans
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SECTION 12: Ecological Information

Eco-toxicity: No recognized unusual toxicity to animals or plants.

SECTION 13: Disposal Considerations

Methods of disposal: This material may be safely landfilled in accordance with federal, state, and local environmental control regulations.

Section 14: Transport Information

International transport regulations: This product is not regulated for transport.

UN number: None

UN proper shipping name: None

Transport hazard class: None

Packing group number (PG): None

Environmental hazards – IMDG Marine Pollutant Code: None

IBC Guidance: None

SECTION 15: Regulatory Information

USDOL – OSHA & MSHA Hazard Communication per Rule 29 CFR 1920.1200

Not considered a hazardous chemical under this regulation, and should not be part of any hazard communication program

TSCA (USA - Toxic Substance Control Act)

There are no substances in product are on the TSCA inventory list

SARA Title III (USA – Superfund Amendments and Reauthorization Act)

311/312 Hazard categories for delayed health effects: None

313 Reportable Ingredients: None

CERCLA (USA – Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

This product contains trace elements known to the State of California to cause cancer, birth defects, or reproductive harm. Per California law this warning is provided in the absence of definitive testing to prove the defined risks do not exist. (Feldspar – Carcinogens)

Federal Hazardous Substance Act

Not considered a hazardous substance subject to the statutes promulgated under the subject act.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

No components of this product identified by CAS number are listed on the DSL

SECTION 16: Other Information

HMIS Hazard Rating:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

Recommended restriction: This product is for use by trained professionals after having read the complete SDS.

Key Legend:

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List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI: Biological Exposure Index

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

CMR: Carcinogenic, Mutagenic or Toxic for Reproduction

FG: Food grade

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

H - statement: Hazard Statement

IATA: International Air Transport Association.

IATA - DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization

ICAO - TI (ICAO): Technical Instructions by the "International Civil Aviation Organization"

IMDG: International Maritime Code for Dangerous Goods

ISO: International Organization for Standardization

logPow: octanol - water partition coefficient

LCxx : Lethal Concentration, for xx percent of test population
LDxx: Lethal Dose, for xx percent of test population.
ICxx: Inhibitory Concentration for xx of a substance
Ecxx: Effective Concentration of xx
N.O.S.: Not Otherwise Specified
OECD: Organization for Economic Co - operation and Development
OEL: Occupational Exposure Limit
P - Statement: Precautionary Statement
PBT: Persistent , Bioaccumulative and Toxic
PPE: Personal Protective Equipment
STEL: Short - term exposure limit
STOT: Specific Target Organ Toxicity
TLV: Threshold Limit Value
TWA: Time - weighted average
vPvB: Very Persistent and Very Bioaccumulative
WEL: Workplace Exposure Level
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
DOT: Department of Transportation
FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act
HMIRC: Hazardous Materials Information Review Commission
HMIS: Hazardous Materials Identification System
NFPA: National Fire Protection Association
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
PMRA: Health Canada Pest Management Regulatory Agency
RTK: Right to Know
WHMIS: Workplace Hazardous Materials Information System

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