

SECTION 1: Identification

Product Name: Granicrete Eff-Blocker

Revision Date: N/A

Product Code: 2375

Package: 1 gal / 3.78L pail

Product Description: Waterproofing Compound Color: White Odor: Slightly Sweet

Intended Use: decorative, restorative

Company - Manufacturer: Granicrete International, Inc.

1130 W. Alameda Drive, Ste 5, Tempe, AZ 85282 USA

Web Address: www.Granicrete.com

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

Non-emergency email: safety@granicrete.com

Contact 24-Hour Emergency:

PERS Domestic at 1-800-633-8253

PERS International at 001-801-629-0667

SECTION 2: Hazard(s) Identification

HMIS: Health 1
 Flammability 0
 Reactivity 0

GHS Label Elements:



Globally Harmonized System (GHS)

Classification:

Skin Irritation C

Eye Irritation C

Signal Word: **WARNING!**

HAZARD STATEMENTS:

H315: Causes skin irritation

H320: Causes eye irritation

PRECAUTIONARY STATEMENTS:

Prevention:

P201: Obtain special instructions before use.

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

P280: Wear gloves / clothing / eye/ face protection

Response

P303+P361+353: If on skin (or hair): remove/take off immediately all contaminated clothing. Rinse skin with water/shower

P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P337+P313: If eye irritation persists: get medical advice/attention

P301+P310: If swallowed immediately call a poison center or doctor/physician

P331: Do not induce vomiting

P370+P378: In case of fire: use dry chemical, carbon dioxide (co2), foam, or water spray (for large fires) to extinguish

Storage

P203+P235: Store at room temperature in a well-ventilated place.

P233: Keep container tightly closed

Disposal

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

Other hazards

No data available

SECTION 3: Composition and Information on Ingredients

This material is regulated as a mixture.

Ingredients / Components	CAS #	WT%
Proprietary	N/A	25-50
Water	N/A	<75

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 or mild detergent and water. Wash clothing before re-use. Seek medical attention for prolonged exposure to wet product.

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

Ingestion: Get medical attention immediately. Do not induce vomiting. If conscious administer copious amounts of drinking water or milk.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: This product is not flammable

Appropriate: Foam, Dry chemical, CO2 or water spray.

Inappropriate: Solid water jet

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 into disposal container. Dispose according to code.

SECTION 7: Handling and Storage

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

Storage: Keep container tightly closed. Store at room temperature. Keep out of reach of children and pets. Best stored at 15-25°C (60-80°F)

SECTION 8: Exposure Control and Personal Protection



Occupational exposure controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Respiratory protection: Wear suitable NIOSH approved mask or respirator.

Hand protection: Impervious gloves if contact is anticipated. Nitrile gloves are acceptable.

Eye protection: Safety glasses with side shields.

Skin protection: Minimize skin contact with appropriate long-sleeved clothing. Wash frequently with pH neutral soap.

Hygiene measures:

Observe good industrial hygienic practices. Frequently launder or discard protective clothing, equipment.

Environmental exposure controls:

None are anticipated.

SECTION 9: Physical and Chemical Properties

General

Physical state: liquid
Color: white – off white
Odor: slightly sweet

Safety Data

pH in water: 6.0-8.0
Boiling point: >212F (100C)
Flash point: not applicable
Flammable limits (approximate volume % in air): not combustible
Auto-ignition temperature: not applicable
Vapor pressure (mm Hg.): not applicable
Water solubility: soluble
VOC: <50 g/l

SECTION 10: Stability and Reactivity

Stability: stable

Conditions to avoid: freezing and open heat

Materials to avoid: strong acids and oxidizers

Hazardous decomposition products: From CO₂ or fire

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Acute Toxicity

Route of Exposure	Conclusion / Comments
Inhalation	May cause irritation, cough, expectoration, shortness of breath.
Ingestion	Can cause esophageal and stomach burns.
Skin	Contact with wet product may cause irritation or dermatitis.
Eye	May cause burning , redness, swelling.

LD50 oral rat 1020 mg/kg (Rat; Literature study)

ATE US (oral) 1020 mg/kg body weight

Chronic / Other Effects

Can cause skin irritation. Can cause eye irritation.

Carcinogenicity:

NA

SECTION 12: Ecological Information

Toxicity

Persistence and degradability - May cause long-term adverse effects in the environment.

Bioaccumulative potential - Not established

Other Adverse Effects

Effect on ozone layer: No additional information available

Effect on the global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

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

Land transport	USDOT: Not Regulated
Sea transport	IMDG: Not Regulated
Air transport	IATA/ICAO: Not Regulated

SECTION 15: Regulatory Information

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

Not considered a hazardous chemical under this regulation.

TSCA (USA - Toxic Substance Control Act)

Substances in product are not known as on the TSCA inventory list

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

311/312 Hazard categories for delayed health effects

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 does not contain trace elements known to the State of California to cause cancer, birth defects, or reproductive harm.

Federal Hazardous Substance Act

Considered a hazardous substance subject to the statutes promulgated under the subject act.

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

Components of this product are identified by CAS number are listed on the DSL

SECTION 16: Other Information

HMIS:	Health	1
	Flammability	0

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

Key Legend:

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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