

SECTION 1: Identification

Product Name: Granicrete Super Concentrated Polymer

Revision Date: 1/9/17

Product Code: 1500 - 5 and 1500 - 2

Package: 5 gal / 18.93L or 2 gal / 7.57L pails

Product Description: Polymer resin **Color:** White Liquid **Odor:** None Distinct

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

Signal Word: None

Hazard Statements: None

Precaution Statements: None

GHS Classification:

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

GHS Labeling:

This material is not considered hazardous under the OSHA Hazard Communication Standard (HazCom 2012).

Other Hazards: None are known.

SECTION 3: Composition and Information on Ingredients

This material has no known hazardous components.

SECTION 4: First-Aid Measures

Eye Contact: Remove contact lenses. Protect unharmed eye. Flush thoroughly.

Skin Contact: First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

Inhalation: If breathed in, move person into fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Ingestion: Do not give milk or alcoholic beverages.

Most important symptoms and effects, both acute and delayed: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include stomach or intestinal upset (nausea, vomiting, diarrhea), or irritation (nose, throat, airways). No hazards which require special first aid measures.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: This product is not combustible

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

Inappropriate: none but avoid run-off from fire fighting from entering drains or water courses.

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

Unusual Fire and Explosion Hazard: Standard procedure for chemical fires.

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: Persons not wearing protective equipment should be excluded from area of spill until clean - up has been completed. Avoid contact with eyes, skin, and clothing.

Environmental precautions: Prevent entry into waterways.

Methods for clean-up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7: Handling and Storage

Handling: Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8.

Storage: Electrical installations / working materials must comply with the technological safety standards. Keep out of reach of children and pets.

SECTION 8: Exposure Control and Personal Protection



Respiratory protection: No personal respiratory protective equipment normally required.

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 –white

Odor: sweet

Odor threshold: Not data available

Safety Data

pH in water: 9.8

Melting/freezing point: not available

Boiling point: >212F / 100C

Flash point: 500F / 260C

Evaporation point: not available

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

Auto-ignition temperature: not applicable

Vapor pressure (mm Hg.): 24.8 hPa

Water solubility: not available

Density (air = 1): 1.07g/cm³ (21C)

Viscosity: no data available

Oxidizing properties: no data available

SECTION 10: Stability and Reactivity

Reactivity: No decomposition if stored and used as directed.

Stability: stable

Conditions to avoid: excessive heat

Materials to avoid: acids, alkalis, strong oxidizing agents, strong reducing agents

Hazardous decomposition products: carbon dioxide and carbon monoxide.

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Acute Toxicity

Route of Exposure	Conclusion / Comments
Inhalation	Exposure to dust may cause irritation, cough, expectoration, shortness of breath. Avoid prolonged exposure levels as can lead to acute silicosis.
Ingestion	Can cause esophageal and stomach burns.
Skin	Not classified based on available information.
Eye	Not classified based on available information. Unlikely to cause eye irritation or injury.

Carcinogenicity:

Not classified based on available information.

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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

US DOT Road: Not dangerous goods

US DOT Rail: Not dangerous goods

US DOT Inland Waterways: Not dangerous goods

Canada Road, Rail, Inland Waterways: Not dangerous goods

International Air Cargo or Passenger: Not dangerous goods

International Maritime: Not dangerous goods

Mexico Regulation Land Transport: Not dangerous goods

Maritime Pollutant: No

SECTION 15: Regulatory Information

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

Not dangerous goods.

TSCA (USA - Toxic Substance Control Act)

Some substances in product are on the TSCA inventory list

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

311/312 No SARA hazards

313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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 any chemical known to the State of California to cause cancer.

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 identified by CAS number are listed on the DSL

SECTION 16: Other Information

HMIS Hazard Rating:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

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

Key Legend:

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

The information and recommendations contained herein are based upon data believed to be correct at date listed. No guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information that has been provided herein. Granicrete International, Inc. accepts no responsibility and disclaims all liability for any harmful effects, which may be caused by exposure to our products. Customers and users of this product must comply with all applicable health and safety laws, regulations, and orders where this product is used.