



ELASTOCRETE
LIMITLESS CONCRETE

SAFETY DATA SHEET

Original 05/3/2015

SECTION 1: Identification

Product Name: ElastoCrete WB-P53 (PART A) CLEAR

Revision Date: 11/8/17

Package: 1 gal / 3.78 L Pail

Product Description: Liquid Color: Clear Odor: Mild

Intended Use: decorative, restorative

Company - Manufacturer: ElastoCrete LLC

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USA Web Address: www.elastocrete.com

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Contact 24-Hour Emergency:

PERS Domestic at 1-800-535-5053

PERS International at +1-352-323-3500

SECTION 2: Hazard(s) Identification

Signal Word: No classified as hazardous

Hazard Statements:

N/A

Precautionary Statements (Prevention):

N/A

Precautionary Statements (Response):

N/A

SECTION 3: Composition and Information on Ingredients

This material is NOT a regulated as a mixture.

SECTION 4: First-Aid Measures

General: Move away from affected area and make person comfortable. Treat all symptoms.

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 for 15 minutes. 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. Continued labored breathing seek medical attention.

Ingestion: Get medical attention immediately. Do not induce vomiting. Give 3-4 glasses of water or milk if person is conscious.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: This product is not combustible

Appropriate: Use Water Spray, 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: Polymer film can burn and can splatter above 100C.

Hazardous Combustion Products: CO, CO₂

Flammability Properties:

Flash Point (Method): None

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

Auto-ignition Temperature: not combustible

Sensitivity Impact: None

Sensitivity to Static Discharge: None

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:

Use absorption materials. Shovel up wet material and flush area with water.

SECTION 7: Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Wash thoroughly after exposure to product.

Storage: Store between 40F and 100F in good ventilation. Protect from frost and direct sunlight. Keep out of reach of children and pets.

SECTION 8: Exposure Control and Personal Protection



Exposure limit values: (ppm) None

Occupational exposure controls:

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

Respiratory protection: None required in well ventilated areas. Otherwise 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: clear

Odor: mild to no distinct odor

Safety Data

pH in water: 8.0 – 11.5

Boiling point: > 100C (>221F)

Flash point: not applicable

Melting Point: ND

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

Auto-ignition temperature: not applicable

Vapor pressure (mm Hg.): ND

Water solubility: dilutable

Vapor density (air = 1): >1

Specific gravity (water = 1): 1.0 -1.1

Solids by weight: 34%

SECTION 10: Stability and Reactivity

Stability: stable

Conditions to avoid: avoid elevated temperatures

Materials to avoid: oxidizing agents (peroxides, nitrates) acids

Hazardous decomposition products: none known

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. May reduce fetal weight and fetal death.

Ingestion	Can cause esophageal and stomach burns. May reduce fetal weight and fetal death.
Skin	Contact with wet product may cause burns .
Eye	May cause burning and blurred vision.

Chronic / Other Effects

Chronic inhalation or ingestion may lead to weight loss for fetus, death, and skeletal malformations.

Carcinogenic Data:

Not classified or listed.

ACUTE ORAL TOXICITY- COMPONENTS

LD50: >2000 mg/kg SPECIES: RAT

SECTION 12: Ecological Information

ACUTE TOXICITY TO FISH- COMPONENTS

LC50 (96 HRS): >100mg/l Species: Zebra Fish

ACUTE TOXICITY TO AQUATIC INVERTEBRATES: COMPONENTS

EC50 (48 HRS): 70.7mg/l Species: Daphna Magna

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS: ND

TOXICITY TO BACTERIA: COMPONENTS:

EC50: >10,000MG/L Activated Sludge

SECTION 13: Disposal Considerations

Methods of disposal: Incineration preferred. Do not allow product to enter drains, water courses, or soil. 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

Considered a hazardous chemical under this regulation, and should be part of any hazard communication program

VOC: 2 grams/liter. **AS APPLIED:** 35 grams/liter.

TSCA (USA - Toxic Substance Control Act)

All applicable 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

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.

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:

Health	1
Flammability	0
Reactivity	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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