

Safety Data Sheet

According to 1907/2006/EC (REACH) and 1272/2008/EC (CLP)

Printing Date: 12/8/2014

Revision: 12/8/2014

Trade Name: HYDRA-STONE™ Powder Pack

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: HYDRA-STONE™ Powder Pack

1.2 Article No.: HYDRA-STONE™ Powder Pack

1.3 Details of the supplier of the Safety Data Sheet Manufacturer:

Elite Crete Systems
 1151 Transport Drive
 Valparaiso, IN 46383
 Toll Free: 888.323.4445
 Tel: (219) 465-7671
 Fax: (219) 531-0898
www.elitecrete.com

1.4 Emergency telephone number:

CHEMTREC US DOMESTIC: (800-424-9300)
 CHEMTREC INTERNATIONAL: (703-527-3887)

2 Hazards identification

2.1 Classification of the substance or mixture: Not classified as hazardous according to GHS standards

GHS Classification in accordance with CFR 1910 (OSHA HCS)

Not dangerous goods according to the Australian Dangerous goods (ADG) Code.
 For the full text of the H-Statements mentioned in this section, see Section 16.

Risk Phrases: Not hazardous-No criteria found.

Safety Phrases: S22, S25, S36. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing.

SUSMP Classification: Not allocated

ADG Classification: Not dangerous goods under ADG Code.

UN number: None allocated

GHS SIGNAL WORD: NONE. NOT HAZARDOUS

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008:

Hazard pictograms: NONE

Prevention:

P262 Do not get in eyes, on skin, or on clothing.

P281 Use personal protective equipment as required.

Response:

P352 Wash with plenty of soap and water.

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P370+P378 In case of fire, use carbon dioxide, dry chemical, foam, water fog.

Storage:

P402+P404 Store in a dry place. Store in a closed waterproof container/bag.

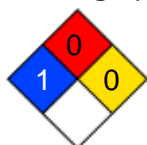
Disposal:

P501 Dispose of contents to an approved waste disposal plant or approved landfill (see sec 13)

Hazard description:

Canadian WHMIS Classification: WHMIS-symbols: NONE

NFPA ratings (scale 0 - 4)



Health = 1
 Fire = 0
 Reactivity = 0

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HMIS-ratings (scale 0 - 4)

Health	1
Fire	0
Reactivity	0

Health = 1
Fire = 0
Reactivity = 0

2.3 Other hazards not otherwise classified (HNOC) or not covered by GHS

MAJOR HEALTH HAZARDS: No significant risk factors have been found for this product

POTENTIAL HEALTH EFFECTS:

Inhalation:

Short term exposure: Available data indicates this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long term exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short term exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. This product may stain skin or clothing and the stain may be difficult to remove. In addition, product is unlikely to cause any discomfort during normal use.

Long term exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short term exposure: This product may be irritating to eyes, but it is unlikely to cause anything more than mild transient discomfort.

Long term exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short term exposure: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long term exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA

NTP: No significant ingredient is classified as carcinogenic by NTP

IARC: No significant ingredient is classified as carcinogenic by IARC

3 Composition/information on ingredients

3.2 Mixture.

Description: Mixture of substances listed below with nonhazardous additives.

Hazardous components:

Identification #	Description	WT. %
CAS: 1317-61-9, 1309-37-1, 1309-37-1,1332-37-2,13463-67-7 EINECS: NOT PROVIDED Index No.:	Iron Oxide (various colors) YELLOW 081,BLUE 807,RED355, BLACK X51, TIO2 GHS Classification: Not dangerous R53, H413	< 99%

Additional information: Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers). Additional H statements see Sec 16.

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4 First aid measures

4.1 Description of first aid measures

After inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

After skin contact:

Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

After eye contact:

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention.

After swallowing:

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

4.2 Most important symptoms and effects, both acute and delayed.

Acute: This material may cause irritation to skin and eyes. Product may cause an allergic skin reaction in rare cases.

Target Organs: **Acute:** Eye, Skin **Chronic:** eye

Hazards: Pre-existing skin or eye problems may be aggravated by exposure to this product.

4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptoms and reduce over-exposure.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Carbon dioxide, dry chemical, water spray, alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture: Carbon Oxides, Carbon Oxides, Carbon Oxides

5.3 Advice for firefighters: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Personnel should be trained for spill response operations.

6.2 Environmental precautions: All work practices must be aimed at eliminating environmental contamination.

6.3 Methods and material for containment and cleaning up: Evacuate area. Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Sweep up or vacuum spilled material and place in an appropriate waste container for disposal. Do not mix with other wastes. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

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7 Handling and storage

7.1 Precautions for safe handling

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in tightly sealed containers or bags. and avoid contact with skin and eyes. Do not store water.. Good general housekeeping procedure should be followed. Do not eat drink or smoke while using the material. Emergency showers should be readily available. Avoid contact with skin eyes. Use only with good ventilation and PPE. Keep container closed when not in use.

7.3 Specific end use(s): No information

8 Exposure controls/personal protection

Additional information about design of technical facilities:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

Respiratory protection: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

Protection of hands: Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

Protective gloves



Material of gloves:

The selection of suitable gloves does not only depend on the material, but also on the quality, and varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact break through time has to be determined by the manufacturer of the protective gloves. DO NOT exceed the breakthrough time set by the Manufacturer.



Eye protection: Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

Tightly sealed goggles

Body Protection:

Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Powder
Color:	Various colors, yellow, blue, red, black, white etc
Odor:	No odor
Odor threshold:	N/A

pH-value:	Not Available
Change in condition	
Melting point/Melting range:	No data available
Boiling point/Boiling range:	
Flash point:	No data available
Flammability (solid, gaseous):	No data available
Auto/Self-ignition temperature:	Not established
Decomposition temperature:	No data available
Self-igniting:	No data available
Danger of explosion:	Not applicable
Explosion limits	
Lower + Upper:	Not established
Vapor pressure at:	Nil at normal temperatures
Density at 20°C:	No data available
Relative density:	
Vapor density:	
Evaporation rate:	
Solubility in / Miscibility with Water:	No data available
Specific Gravity 23 C: (Water = 1):	
Viscosity:	No data available
Dynamic:	No data available
Kinematic:	
Solvent content:	No data available
Organic solvents:	0
VOC (EC)	No data available
9.2 Other information	None

10 Stability and reactivity

10.1 Reactivity: This product is unlikely to react or decompose under normal storage conditions.

10.2 Chemical stability: hygroscopic, Product is stable.

Thermal decomposition / conditions to be avoided: No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.

10.3 Possibility of hazardous reactions: No data available

10.4 Conditions to avoid: keep containers tightly closed. Containers should be kept dry.

10.5 Incompatible materials: Oxidizing agents and strong acids should be avoided.

10.6 Hazardous decomposition products: - no data available in event of fire see Section 5

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11 Toxicological information

11.1 Information on toxicological effects: no data available

12 Ecological information

12.1 Toxicity

Aquatic toxicity:

No data available

12.2 Persistence and degradability: No data available

12.3 Bio accumulative potential:

No data available.

12.4 Mobility in soil: No data available

General notes: No data available

12.5 Results of PBT and vPvB assessment

PBT.vPvB assessment not available, chemical assessment not required /not conducted

13 Disposal considerations

13.1 Waste treatment methods

Recommendations:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan. Recommended to contact local licensed professional waste disposal service.

RCRA WASTE CODE: None Listed

EU WASTE CODE: Not Listed

14 Transport information

14.1 UN-Number

IMDG: Not dangerous goods. No UN number assigned
ADR, DOT, IATA: TGD

14.2 UN proper shipping name

DOT:ADR,IMDG,IATA,TGD Not dangerous goods

14.3 Transport hazard class(es)

DOT

Class:
Label: None

ADR, IMDG, IATA

Class:
Label: None

14.4 Packing group

DOT, ADR, IMDG, IATA: None

14.5 Environmental hazards:

Marine pollutant: This products ingredients are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

14.6 Special precautions for user

Danger code (Kemler): No data available
EMS Number: No data available

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	No data available
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Transport/Additional information

ADR

Tunnel restriction code	No data available
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UN "Model Regulation":	No data available
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15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. United States (USA)

SARA: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.: None

Section 355 (extremely hazardous substances): None of the ingredients are listed.
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Section 313 (Toxic Release Inventory): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients is listed.

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed

Canadian Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.

Canadian Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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16 Other information

GHS Classification in accordance with CFR 1910 (OSHA HCS)

Not dangerous goods according to the Australian Dangerous goods (ADG) Code.

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Risk Phrases: Not hazardous-No criteria found.

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UN number: None allocated

GHS SIGNAL WORD: NONE. NOT HAZARDOUS

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008:

Hazard pictograms: NONE

Prevention:

P262 Do not get in eyes, on skin, or on clothing

P281 Use personal protective equipment as required.

Response:

P352 Wash with plenty of soap and water

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

P370+P378 In case of fire, use carbon dioxide, dry chemical, foam, water fog.

Storage:

P402+P404 Store in a dry place. Store in a closed water proof container/bag

Disposal:

P501 Dispose of contents to an approved waste disposal plant or approved landfill (see sec 13)

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation.

IATA: International Air Transport Association.

ACGIH: American Conference of Governmental Industrial Hygienists.

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances.

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

NFPA: National Fire Protection Association (USA).

HMIS: Hazardous Materials Identification System (USA).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.