

HULK CEMENTITIOUS

SAFETY DATA SHEET



SECTION 1: PRODUCT INFORMATION

PRODUCT INFORMATION

Product Identifier:
Recommended use of the chemical and restrictions on use:

Hulk Cementitious Part A
Admix for non-combustible, flexible, Polymeric-
modified portland cementitious mortar coating.
For further information, refer to product data sheet.

MANUFACTURE (CANADIAN SUPPLIER IDENTIFIER)

Hulk Systems Inc.
4209 Brandon Street SE
Calgary, Alberta T2G 4A7
www.hulksystems.com

EMERGENCY TELEPHONE NUMBERS

Business: 403-764-6849 CHEMTREC 800-262-8200 (24 HOUR SERVICE)

SECTION 2: HAZARD IDENTIFICATION

A. GHS CLASSIFICATION

Not a hazardous substance or mixture.

B. GHS LABEL ELEMENTS

Not a hazardous substance or mixture.

See Section 11 for more detailed information on health effects and symptoms.
There are no hazards not otherwise classified that have been identified during the classification process.
There are no ingredients with unknown acute toxicity used in a mixture at a concentration $\geq 1\%$.

SECTION: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: FIRST-AID MEASURES

IF INHALED

- Move to fresh air.

SKIN CONTACT

- Take off contaminated clothing and shoes immediately.
- Wash off with soap and plenty of water.

EYE CONTACT

- Flush eyes with water as a precaution.
- Remove contact lenses.
- Keep eye wide open while rinsing.

INGESTION CONTACT

- Clean mouth with water and drink afterwards plenty of water.
- Do not induce vomiting without medical advice.
- Do not give milk or alcoholic beverages.
- Never give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- No known significant effects or hazards.

See Section 11 for more detailed information on health effects and symptoms.

PROTECTION OF FIRST-AIDERS

- No hazards which require special first aid measures.

PROTECTION OF FIRST-AIDERS

- Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIFIC EXTINGUISHING METHODS

- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

- In the event of fire, wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

- Local authorities should be advised if significant spillages cannot be contained.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- Wipe up with absorbent material (e.g. cloth, fleece).
- Keep in suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

ADVICE ON SAFE HANDLING

- For personal protection see section 8.
- No special handling advice required.
- Follow standard hygiene measures when handling chemical products.

CONDITIONS FOR SAFE STORAGE

- Keep container tightly closed in a dry and well-ventilated place.
- Store in accordance with local regulations.

Materials to avoid

- No data available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

ENGINEERING MEASURES

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Respiratory protection

- Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
- The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection Remarks

- Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

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Eye protection

- Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin and body protection

- Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.

Hygiene measures

- Wash hands before breaks and immediately after handling the product.
- Remove contaminated clothing and protective equipment before entering eating areas.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid
Color	white
Odor	ammoniacal
Odor Threshold	No data available
Flash point	> 212 °F (100 °C)
Ignition temperature	No data available
Decomposition temperature	No data available
Lower explosion limit (Vol%)	No data available
Upper explosion limit (Vol%)	No data available
Flammability (solid, gas)	No data available
Oxidizing properties	No data available
pH	ca. 5.5 at 73 °F (23 °C)
Melting point/range/Freezing point	No data available
Boiling point/boiling range	No data available
Vapor pressure	17 mmHg (23 hpa)
Density	ca.1.348 g/cm ³ at 73 °F (23 °C)
Water solubility	Note: dispersible
Partition coefficient: n-octanol/water	No data available
Viscosity, dynamic	No data available
Viscosity, kinematic	ca.> 20.5 mm ² /s at 104 °F (40 °C)

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Relative vapor density	No data available
Evaporation rate	No data available
Burning rate	No data available
Volatile organic compounds (VOC) content	10 g/l A+B Combined

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical stability	The product is chemically stable.
Possibility of hazardous reactions	Stable under recommended storage conditions.
Conditions to avoid	No data available
Incompatible materials	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Acute toxicity	Not classified based on available information.
Skin corrosion/irritation	Not classified based on available information.
Serious eye damage/eye irritation	Not classified based on available information.
Respiratory or skin sensitization	Skin sensitization: Not classified based on available information. Respiratory sensitization: Not classified based on available information.
Germ cell mutagenicity	Not classified based on available information.
Reproductive toxicity	Not classified based on available information.
STOT-single exposure	Not classified based on available information.
STOT-repeated exposure	Not classified based on available information.
Aspiration toxicity	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
IARC	Not applicable
NTP	Not applicable

SECTION 12: ECOLOGICAL INFORMATION

Other information

- Do not empty into drains; dispose of this material and its container in a safe way.
- Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Waste from residues

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORTATION INFORMATION

DOMESTIC/INTERNATIONAL REGULATION

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

SPECIAL PRECAUTIONS FOR USER

No data available

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not applicable

SECTION 15: REGULATORY INFORMATION

TSCA LIST

All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EPCRA - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW

CERCLA REPORTABLE QUANTITY

This material does not contain any components with a CERCLA RQ.

SARA304 REPORTABLE QUANTITY

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 HAZARDS

No SARA Hazards

SARA 302

This material does not contain any components with a section 302 EHS TPQ.

SARA 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.

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CLEAN AIR ACT OZONE-DEPLETION POTENTIAL

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

CALIFORNIA PROP 65

WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

SECTION 16: OTHER INFORMATION

HMIS CLASSIFICATION

NFPA Health hazards	1
Flammability	1
Physical hazards	0
Personal protection	x

Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

Notes to Reader

The information contained in this Safety Data Sheet applies only to the actual HULK SYSTEMS ("HULK") product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified HULK product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that HULK believes to be reliable as of the date hereof. Prior to each use of any HULK product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Safety Data Sheet for each HULK product, which are available at web site and/or telephone number listed in Section 1 of this SDS.

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