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Section 1: Identification of the Product/Company

Product Identifier: ANCHORSET QUICK SETTING

Product Name: HYDRAULIC CEMENT WHITE

Product Code: USP-220W

Relevant identified uses of the substance or mixture

Recommended use:

For professional use in the construction industry

Uses advised against:

None identified

Details of the supplier of the safety data sheet

Manufacturer:

Ultra System Products
8050 NW 66th Street
Miami, FL 33166
United States
www.ultrasystemproducts.com
info@ultrasystemproducts.com

Telephone (General) (305) 591-8309

Emergency telephone number

Manufacturer: (305) 591-8309 USA

Section 2: Hazards Identification

Classification of the substance or mixture

GHS-US classification

Skin Corrosion/Irritation:	Category 2, H315
Eye Damage:	Category 1, H318
Eye Irritant:	Category 2B, H320
Skin Sensitization:	Category 1, H317

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Carcinogenicity: Category 1A, H350
Carcinogenicity: Category 2, H351
Specific target organ systemic toxicity (single exposure): Category 3, H335
Specific target organ systemic toxicity (repeated exposure): Category 1, H372

Label elements

GHS-US labeling

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms (GHS-US)

GHS05 GHS06 GHS08 GHS07

Signal words (GHS-US): Danger

Hazards statements (GHS-US):

H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H320 Causes eye irritation
H335 May cause respiratory irritation
H350 May cause cancer
H351 Suspected to cause cancer
H372 Cause damage to organs through prolonged or repeated use

Precautionary statements (GHS-US)
Prevention:

P102 Keep out of reach of children
P280 Wear protective gloves, clothing, and eye/ face protection

Response:

P305 + P351 + P338 + P310: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a Poison Center or doctor/physician.
P302 + P352 + P333 + P313: Wash with plenty soap and water. If skin irritation or rash occurs: Get medical advice/attention
P261 + P304 + P340 + P312: Avoid breathing dust/fumes, gas, mist, vapors, spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician

Storage:

P403+P233 store in a well ventilated place. Keep container tightly closed
P403 + P235 Sore in a well ventilated place. Keep cool
P405 Store locked up

Disposal:

P501 Dispose of contents and containers in accordance with local, regional and international regulations

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)-Annex III

Other hazards

No other information available

Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients

Substances

Name	Product Identifier	% by weight	GHS-US classification
White Portland Cement	CAS # 65997-15-1	25-40	Skin irritant 2, H315 STOT SE 3, H335 Eye irritant, H318 Skin sensitization 1, H317
Calcium Chloride Flakes	CAS # 10043-52-4	2-10	Skin irritant 2, H315 Eye irritant 2B, H320 Acute toxicity: Oral 4, H302
Silica Sand	CAS # 14808-60-7	40-60	STOT SE 3, H335 STOT RE 1, H372 Carcinogen 1A, H350
Titanium Dioxide	CAS # 13463-67-7	0-5	Carcinogen 2, H351
Calcium Sulfate	CAS # 26499-65-0	10-25	Carcinogen 1A, H350

Amounts specified are typical and do not represent a specification. Any other ingredients are either proprietary, non-hazardous or present in amounts below the reportable limits.

Section 4: First aid measures

Description of necessary first aid measures

First-aid measures general:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

First-aid measures after inhalation:

If affected, remove to fresh air. Dust in throat or nasal passage should clear spontaneously. Get medical attention if irritation persists or any discomfort, coughing or other symptoms continue or do not subside.

First-aid measures after skin contact:

Immediately remove contaminated clothing and shoes. Launder clothing before reuse. Seek medical attention if symptoms of irritation or burns occur.

First-aid measures after eye contact:

Do not rub eyes as additional corneal damage will continue to occur. Remove any contact lenses and open eyelids widely to flush immediately by thoroughly rinsing with plenty of clean water for at least 45 minutes to remove all particles. If possible use isotonic water (0.9% Sodium Chloride). Contact an eye specialist immediately.

First-aid measures after ingestion:

Do not induce vomiting. Call a physician or poison control center immediately for further instructions. Never give anything by mouth to an unconscious or convulsing person. If person is conscious, rinse out the mouth with water and give plenty of water to drink. Get medical attention immediately.

Most important and effects, both acute and delayed

Symptoms:

Irritation may occur. Pre-existing skin problems may be aggravated by prolonged or repeated contact.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

All type of extinguishing media are suitable

Unsuitable extinguishing media:

None known

Special hazards arising from the substance or mixture

Fire hazard:

Poses no fire related hazard. Non-combustible material

Explosion hazard:

Non-explosive

Reactivity:

Will not facilitate or support combustion of other materials.

Advice for firefighters

Firefighting instructions:
Not required
Protection during firefighting:
No need for specialist fire-fighting equipment.

Additional information

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures:
Wear protective equipment as described under Section 8 and follow the advice of safe handling and use given under Section 7. Emergency procedures are not required.

For non-emergency personnel

Protective equipment:
Wear chemical resistance (impervious) gloves
Emergency procedures:
None required

For emergency responders

Protective equipment:
Not Applicable
Emergency procedures:
Not Applicable

Environmental precautions

Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up

For containment:
Recover spillage in a dry state if possible.
Methods for cleaning up:
Use dry cleanup methods that do not promote airborne dispersions e.g.
Vacuum cleaner (Industrial portable units, equipped with high efficiency particulate filters (HEPA filter) or equivalent technique).
• Wipe up the dust by mopping, wet brushing or water sprays or hoses (fine mist to avoid the dust becoming airborne) and remove slurry. If not possible, remove by slurrying with water (see Wet product).

When wet cleaning or vacuum cleaning is not possible and only dry cleaning with brushes can be done, ensure that the workers wear appropriate personal protective equipment and prevent dust from spreading.
Avoid inhalation of product and contact with skin. Place spilled materials into a container. Solidify before disposal as described under Heading 13.
Wet product: Clean up wet product and place in a container. Allow material to dry and solidify before disposal as described under Heading 13.

Reference to other sections

See Section 7 for information on safe handling
See Section 8 for information on personal protective equipment
See Section 13 for disposal information

Section 7: Handling and storage

Do not handle or store near food and beverages or smoking material

Precautions for safe handling

Precautions for safe handling:
Do not ingest, avoid contact with skin and avoid contact with eyes. Avoid generating dust.
Hygiene measures:
General occupational hygiene measures are required to ensure safe handling of the product. These measures involve good personal and house-keeping practices. Wash hands after use if contaminated. Avoid wearing contaminated clothing. In dusty environment, wear dust mask, protective goggles and gloves.

Conditions for safe storage, including any incompatibilities

Storage conditions:
Bulk material should be stored in silos that are waterproof. Packed products should be stored in unopened bags clear of the ground in cool, dry conditions and protected from excessive draught, humid conditions and excesses of temperatures to avoid degradation of quality.
Incompatible products:
See section 10
Incompatible materials:
See section 10
Storage area:
The product should be stored in a cool, dry and well-ventilated area, at ambient temperature directly out of the sunlight.

Special rules on packaging:
Bags should be stacked in a stable manner. Do not use Aluminum containers due to incompatibility of the materials.

Specific end use(s)

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits:

Chemical Name	CAS #	EXPOSURE LIMITS
White Portland Cement	65997-15-1	OSHA PEL 15mg/m^3 ACGIH TLV 10mg/m^3
Calcium Chloride Flakes	10043-52-4	OSHA PEL 15mg/m^3 ACGIH TLV 10mg/m^3
Silica Sand	14808-60-7	OSHA PEL .05 mg/m^3 ACGIH TLV .025 mg/m^3
Titanium Dioxide	13463-67-7	OSHA PEL 10 mg/m^3 ACGIH TLV 10mg/m^3
Calcium Sulfate	26499-65-0	OSHA PEL 10mg/m^3 ACGIH TLV 15mg/m^3

Exposure controls

Appropriate engineering controls:

Use only with adequate ventilation. If the operation generates dust, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure of airborne particulates below any recommended or statutory limits

Personal protective equipment:

Wear fire-proof clothing, protective goggles and gloves. Wear respiratory protection in a poor ventilated environment.

Hand protection:

Wear impervious, waterproof, abrasion and alkali resistant gloves. Do not rely on barrier cream versus abrasion resistant gloves. Do not allow product inside the gloves.

Eye protection:

Chemical goggles or safety glasses with side-shields should be worn especially in a dust environment. Use contact lenses solely is not recommended.

Skin and body protection:

Wear impervious, waterproof, abrasion and alkali resistant boots and protective long sleeved and long legged clothing to protect the skin from contact with this product. Remove any clothing that becomes saturated with this product and thoroughly wash the exposed areas immediately.

Respiratory protection:

If a risk assessment indicates the necessity for respiratory protection, use a properly fitted particulate filter respirator. Selection of respirator will be based upon the hazards of the product, the known or anticipated exposure levels and the assigned protection factor of the respirator.

Thermal hazard protection:

Wear suitable protection clothing

Other information:

Clean water should always be available for skin and emergency (eye) washing. Periodically wash any area contacted with the product using a pH neutral soap and uncontaminated water. When using, do not eat, drink or smoke

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Solid

Appearance: Powdery material

Color:	White
Odor:	Odorless
Odor threshold:	Not available
pH:	12-13
Relative evaporation rate (butyl acetate=1):	Not Applicable
Melting point:	Not available
Boiling point:	Not determined
Auto-ignition temperature:	Not available
Decomposition temperature:	Not Determined
Flammability (solid, gas):	Not Applicable
Vapor pressure:	Not Determined
Flash Point:	Not Applicable
Flash Point Method:	Not Applicable
Relative vapor density @ 20 °C:	0.0
Relative density:	2.74
Density:	22.8 lbs / gal
Solubility:	0.1-1%
Log Pow:	Not available
Log Kow:	Not available
Viscosity, kinematic:	Not available
Viscosity, dynamic:	Not available
Explosive properties:	Non-explosive
Oxidizing properties:	None known
Explosive limits:	Not Applicable

Other information:

No further relevant information available

Section 10: Stability and reactivity

Reactivity

Hygroscopic. Liberates large amounts of heat when dissolving in water or aqueous acids

Chemical Stability

Product is stable under normal storage conditions

Conditions to Avoid

Avoid humid conditions during storage as this might cause lumps and loss of product quality

Incompatible Materials

Avoid strong acids, bases and strong oxidizers and avoid the uncontrolled use of Aluminum powder in the wet product as Hydrogen will be produced.

Hazardous Decomposition Products

Product will not decompose into other hazardous by-products and will not polymerize

Section 11: Toxicological information

Information on toxicological effects

TOXICITY MEASURES:

Acute toxicity:

Based upon available data, the classification criteria are not met

Skin corrosion/irritation: (Category 2)

When in contact with wet skin may cause thickening, cracking or fissuring on the skin. Prolonged contact in addition with abrasion may cause severe burns.

Serious eye damage/irritation: (Category 1)

Direct contact may cause corneal damage by mechanical stress, immediate or delayed irritation or inflammation. Direct contact by large amounts may cause effects ranging from moderate irritation to chemical burns and blindness.

Respiratory or skin sensitization: (Category 1)

Some individuals may develop eczema upon exposure by the high pH which induces irritant contact dermatitis after prolonged contact. The response may appear in a variety of forms ranging from a mild rash to severe dermatitis. There is no indication of sensitization to the respiratory system.

Germ cell mutagenicity:

This product is not classified as a mutagen

Chronic Health Effects:

Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Carcinogenicity:

The product contains an ingredient that may cause cancer.

Reproductive toxicity:

Developmental: Based on available data, the criteria are not met
Teratogenicity: Not hazardous by WHMIS/OSHA criteria
Embryotoxicity: Not hazardous by WHMIS/OSHA criteria
Fertility: Based on available data, the criteria are not met
Specific target organ toxicity (single exposure):
May cause respiratory irritation
Specific target organ toxicity (repeated exposure):
May cause damage to organs through prolonged or repeated exposure
Aspiration hazard:
Based on available data, the criteria are not met
Other information:
Not available

Section 12: Ecological information

All work practices must be aimed at eliminating environmental contamination.

Toxicity

The product is not expected to be hazardous to the environment, but because of its high alkalinity the product may be toxic to aquatic life under certain conditions.

Persistence and degradability

Not relevant as the components are inorganic and after hardening presents no toxicity risks.

Mobility

Products is not volatile but may become airborne during handling operation.

Other adverse effects

Not determined for this product

Section 13: Disposal considerations

Waste treatment methods

Regional legislation (waste):
Dispose of waste and unused contents in accordance with national and local regulations.
Waste disposal recommendations:

Ensure the use of properly authorized waste management companies where appropriate or uncertain.

Section 14: Transport information

The product is not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) and therefore no classification is required.

Section 15: Regulatory information

U.S. Federal Regulations

U.S. OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations

U.S SARA Reporting Requirements:

The following components of this product are subject to reporting requirements of sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

CHEMICAL	SECTION 302 EHS (TPQ) (40 CFR 355, Appendix A)	SECTION 304 RQ (40 CFR Table 302.4)	SECTION 313 TRI (40 CFR 372.65)
White Portland Cement	No	No	No
Calcium Chloride Flakes	No	No	No
Silica Sand	No	No	No
Titanium Dioxide	No	No	No
Calcium Sulfate	No	No	No

A Section 311/312 (40 CFR 370) Hazard Categories:

ACUTE: Yes; CHRONIC: Yes; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No

Toxic Substances Control Act (TSCA):

All components of this product are included on the TSCA inventory

U.S. CERCLA Reportable Quantity (RQ):

This product is not listed under CERCLA

U.S. Clean Air Act Threshold Quantity (TQ):

This product is not listed.

U.S. Clean Water Act Requirements:

This product is not listed

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

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This product contains crystalline silica, quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Canadian WHMIS Classification:

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Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:

European Inventory of Existing Chemicals (EINECS):

All of the components of this product are included on EINECS.

Section 16: Other information

Indication of changes:

Other information:

Full text of H phrases:

STOT SE 3	Specific Target Organ Toxicity-Single Exposure, Category 3, Narcosis
STOT RE 1	Specific Target Organ Toxicity-Repeated Exposure, Category 1

NFPA health hazard: 2-Moderately toxic or hazardous material which require additional PPE or equipment other than safety goggles and gloves.

NFPA fire hazard: 0-Material is not combustible

NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and not reactive with water

Notice to Reader

The information provided herein is believed to be accurate at the time of preparation or prepared from sources deemed to be reliable, but it is the full responsibility of the user to investigate and comprehend other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the

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