

Section 1: Identification

Product Identifier

Product Name: • Allura Fiber Cement siding is available in different products providing both traditional and contemporary aesthetics. It is suitable for residential and light commercial applications. These products offer a high degree of dimensional stability and impact resistance.

Synonyms • Fiber Cement; Fiber Cement Siding
Product Code • Trim - CT-10103-4; Allura - CT-10074-7

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Fiber Cement products are intended for exterior cladding. Allura Underlayment & BackerBoard are for interior floors, walls and countertops.

Details of the supplier of the safety data sheet

Manufacturer • Allura
15055 Woodham Drive
Houston, Texas 77073
United States
www.AlluraUSA.com

Telephone • 1 844 4 Allura (1 844 425 5872)

Emergency Telephone Number

Manufacturer • (800) 424-9300 - Chemtrec

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Carcinogenicity 1A - H350
Specific Target Organ Toxicity Repeated Exposure 1 - H372

Label elements

OSHA HCS 2012 DANGER



Hazard statements • May cause cancer. - H350
Causes damage to organs through prolonged or repeated exposure. - H372

Precautionary statements

Prevention:

- Obtain special instructions before use. - P201
- Do not handle until all safety precautions have been read and understood. - P202
- Do not breathe dust. - P260
- Wash thoroughly after handling. - P264
- Do not eat, drink or smoke when using this product. - P270
- Wear protective gloves/protective clothing/eye protection/face protection. - P280
- User personal protective equipment as required. - P281

Response

- IF exposed or concerned: Get medical advice/attention. - P308+P313
- Get medical advice/attention if you feel unwell. - P314

Storage/Disposal

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

Other Hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to WHMIS

Classification of the substance or mixture

WHMIS

- Other Toxic Effects - D2A

Label elements

WHMIS



- Other Toxic Effects - D2A

Other Hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Other information

- The potential for hazardous component release occurs during installation of the product and specifically during cutting, drilling, crushing, etc. activities that generate dust. Hazardous components are not expected to be released once the product is installed.

See Section 12 for Ecological Information

Section 3: Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

- Some products are coated with a water based primer and paint.

| COMPOSITION | | | |
|-----------------|---|------------|---|
| Chemical Name | Identifiers | % | Classifications According to Regulation/Directive |
| Coal Fly Ash | CAS: 68131-74-8 EINECS: 268-627-4 | 22% TO 32% | OSHA HCS 2012: Not Classified |
| Portland Cement | CAS: 65997-15-1 EC Number: 266-043-4 | 28% TO 40% | OSHA HCS 2012: Skin Corr. 1A; Eye Dam. 1 |
| Cellulose Fiber | NDA | 5% TO 10% | OSHA HCS 2012: Comb. Dust. |
| Quartz | CAS:14808-60-7 EC Number: 238-878-4 | 25% TO 35% | OSHA HCS 2012: Carc. 1A |

Section 4: First-Aid Measures

Description of first aid measures

- | | |
|------------|---|
| Inhalation | • Remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention. |
| Eye | • Remove contaminated clothing and wash exposed skin with soap and water. If irritation develops or persists, seek medical attention. |
| Ingestion | • Remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention. |

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

OSHA HCS 2012 DANGER

- Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

- | | |
|--------------------------------|---|
| Suitable Extinguishing Media | • Use any media suitable for the surrounding fires. |
| Unsuitable Extinguishing Media | • N/A |

Special hazards arising from the substance or mixture

- | | |
|------------------------------------|---|
| Unusual Fire and Explosion Hazards | • None known. This product is not considered combustible and will not burn. |
| Hazardous Combustion Products | • This product is non-combustible. |

Advice for Fire-Fighters

- Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- | | |
|----------------------|---|
| Personal Precautions | • Do not breathe dust. Wear a dust mask if generated above exposure limits. Wear appropriate protective equipment and clothing during clean-up. |
| Emergency Procedures | • No emergency procedures are expected to be necessary if material is used under ordinary conditions as as recommended. |

Environmental precautions

- No special precautions necessary.

Methods and material for containment and cleaning up

- | | |
|-------------------------------|---|
| Containment/Clean-up Measures | • Do not dry sweep dust accumulation. Pick up large pieces. Collect dust or particulates using a vacuum cleaner with a HEPA filter. Avoid the generation of dusts during clean-up. |
|-------------------------------|---|

Section 7: Handling and Storage

Precautions for safe handling

Handling

- Avoid breathing dust generated when sawing, routing, drilling, and sanding this product. Indoor cutting is not recommended unless non-dust generating methods are used (Fiber Cement Shears) or the use adequate local exhaust ventilation. Wear personal protective equipment. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage

- Store in a dry place and under cover to protect product.

Section 8: Exposure Controls/Personal Protection

Control parameters

| EXPOSURE LIMITS/GUIDELINES | | | | | | |
|-------------------------------|--------|--------------------------|--|---|--|--|
| | Result | ACGIH | Canada British Columbia | Canada Manitoba | Canada New Brunswick | Canada Northwest Territories |
| Magnesium oxide (1309-48-4) | STELs | Not established | 10 mg/m ³ STEL (respirable dust and fume, as Mg) | Not established | Not established | 20 mg/m ³ STEL (fume, as Mg) |
| | TWAs | 28% TO 40% | 10 mg/m ³ TWA (fume, inhalable); 3 mg/m ³ TWA (respirable dust and fume, as Mg) | 10 mg/m ³ TWA (inhalable fraction) | 10 mg/m ³ TWA (fume) | 10 mg/m ³ TWA (fume, as Mg) |
| Calcium oxide (1305-78-8) | TWAs | 2 mg/m ³ TWA | 2 mg/m ³ TWA | 2 mg/m ³ TWA | 2 mg/m ³ TWA | 2 mg/m ³ TWA |
| | STELs | Not established | Not established | Not established | Not established | 4 mg/m ³ STEL |
| Titanium dioxide (13463-67-7) | TWAs | 10 mg/m ³ TWA | 10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction) | 10 mg/m ³ TWA | 10 mg/m ³ TWA | 5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass) |
| Iron oxide (1309-37-1) | STELs | Not established | 10 mg/m ³ STEL (fume, as Fe) | Not established | Not established | Not established |
| | TWAs | | 10 mg/m ³ TWA (total particulate matter containing no Asbestos and <1% Crystalline silica, total particulate, listed under Rouge); 3 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate, listed under Rouge); 5 mg/m ³ TWA (dust and fume, as Fe) | 5 mg/m ³ TWA (respirable fraction) | 5 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, dust and fume, as Fe); 10 mg/m ³ TWA (regulated under Rouge, particulate matter containing no Asbestos and <1% Crystalline silica) | 5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass) |
| Aluminum oxide (1344-28-1) | TWAs | Not established | Not established | Not established | 10 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica) | 10 mg/m ³ TWA; 5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass) |
| | STELs | Not established | Not established | Not established | Not established | 20 mg/m ³ STEL |

| EXPOSURE LIMITS/GUIDELINES CONT'D | | | | | | |
|-----------------------------------|--------|---|--|---|---|--|
| Silica, amorphous (7631-86-9) | TWAs | Not established | Not established | Not established | Not established | 2 mg/m3 TWA (respirable mass); 5 mg/m3 TWA (total mass); 0.05 mg/m3 TWA (regulated under Silica flour, respirable mass); 0.15 mg/m3 TWA (total mass, regulated under Silica flour) |
| Quartz (14808-60-7) | TWAs | 0.025 mg/m3 TWA (respirable fraction) | 0.025 mg/m3 TWA (respirable) | 0.025 mg/m3 TWA (respirable fraction) | 0.1 mg/m3 TWA (respirable fraction) | 0.1 mg/m3 TWA (respirable mass); 0.3 mg/m3 TWA (total mass) |
| Portland Cement (65997-15-1) | TWAs | 1 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction) | 10 mg/m3 TWA (total particulate matter containing no Asbestos and <1% Crystalline silica, total particulate); 3 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate) | 1 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) | 10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica) | 5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) |
| EXPOSURE LIMITS/GUIDELINES CONT'D | | | | | | |
| | Result | Canada Nova Scotia | Canada Nunavut | Canada Ontario | Canada Quebec | Canada Yukon |
| Magnesium oxide (1309-48-4) | TWAs | 10 mg/m3 TWA (inhalable fraction) | 10 mg/m3 TWA (fume, as Mg) | 10 mg/m3 TWA (inhalable) | 10 mg/m3 TWAEV (fume, as Mg) | 10 mg/m3 TWA (fume, as Mg) |
| | STELs | Not established | 20 mg/m3 STEL (fume, as Mg) | Not established | Not established | 10 mg/m3 STEL (fume, as Mg) |
| Calcium oxide (1305-78-8) | TWAs | 2 mg/m3 TWA | 2 mg/m3 TWA | 2 mg/m3 TWA | 2 mg/m3 TWAEV | 2 mg/m3 TWA |
| | STELs | Not established | 4 mg/m3 STEL | Not established | Not established | 4 mg/m3 STEL |
| Titanium dioxide (13463-67-7) | TWAs | 10 mg/m3 TWA | 5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) | 10 mg/m3 TWA (total dust) | 10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust) | 30 mppcf TWA (as Ti); 10 mg/m3 TWA (as Ti) |
| | STELs | Not established | Not established | Not established | Not established | 20 mg/m3 STEL (as Ti) |
| Iron oxide (1309-37-1) | TWAs | 5 mg/m3 TWA (respirable fraction) | 5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) | 5 mg/m3 TWA (respirable) | 5 mg/m3 TWAEV (dust and fume, as Fe); 10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, regulated under Rouge, total dust) | 5 mg/m3 TWA (fume, as Fe ₂ O ₃); 30 mppcf TWA (regulated under Rouge); 10 mg/m3 TWA (regulated under Rouge) |
| | STELs | Not established | Not established | Not established | Not established | 10 mg/m3 STEL (fume); 20 mg/m3 STEL (regulated under Rouge) |
| Aluminum oxide (1344-28-1) | STELs | Not established | 20 mg/m3 STEL | Not established | Not established | 20 mg/m3 STEL (Al ₂ O ₃) |
| | TWAs | Not established | 10 mg/m3 TWA; 5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass) | Not established | 10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust, as Al) | 30 mppcf TWA (Al ₂ O ₃); 10 mg/m3 TWA (Al ₂ O ₃) |

| EXPOSURE LIMITS/GUIDELINES CONT'D | | | | | | |
|-----------------------------------|-------|---|--|--|--|--|
| Silica, amorphous (7631-86-9) | TWAs | Not established | 2 mg/m ³ TWA (respirable mass); 5 mg/m ³ TWA (total mass); 0.05 mg/m ³ TWA (regulated under Silica flour, respirable mass); 0.15 mg/m ³ TWA (regulated under Silica flour, total mass) | Not established | Not established | 300 particle/mL TWA (as measured by Konimeter instrumentation, listed under Silica); 20 mppcf TWA (as measured by Impinger instrumentation, listed under Silica); 2 mg/m ³ TWA (respirable mass, listed under Silica) |
| Quartz (14808-60-7) | TWAs | 0.025 mg/m ³ TWA (respirable fraction) | 0.1 mg/m ³ TWA (respirable mass); 0.3 mg/m ³ TWA (total mass) | 0.10 mg/m ³ TWA (designated substance regulation, respirable) | 0.1 mg/m ³ TWAEV (respirable dust) | 300 particle/mL TWA (listed under Silica) |
| Portland Cement (65997-15-1) | TWAs | 1 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) | 5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass) | 10 mg/m ³ TWA (containing no Asbestos and <1% Crystalline silica, total dust) | 10 mg/m ³ TWAEV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m ³ TWAEV (containing no Asbestos and <1% Crystalline silica, respirable dust) | 30 mppcf TWA; 10 mg/m ³ TWA |
| | STELs | Not established | Not established | Not established | Not established | 20 mg/m ³ STEL |

| EXPOSURE LIMITS/GUIDELINES CONT'D | | | |
|-----------------------------------|--------|--|--|
| | Result | NIOSH | OSHA |
| Magnesium oxide (1309-48-4) | TWAs | Not established | 15 mg/m ³ TWA (fume, total particulate) |
| Calcium oxide (1305-78-8) | TWAs | 2 mg/m ³ TWA | 5 mg/m ³ TWA |
| Titanium dioxide (13463-67-7) | TWAs | Not established | 15 mg/m ³ TWA (total dust) |
| Iron oxide (1309-37-1) | TWAs | 5 mg/m ³ TWA (dust and fume, as Fe) | 10 mg/m ³ TWA (fume) |
| Aluminum oxide (1344-28-1) | TWAs | Not established | 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction) |
| Silica, amorphous (7631-86-9) | TWAs | 6 mg/m ³ TWA | Not established |
| Quartz (14808-60-7) | TWAs | 0.05 mg/m ³ TWA (respirable dust) | Not established |
| Portland Cement (65997-15-1) | TWAs | 10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust) | 15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction) |

Exposure Controls

- Engineering Measures/Controls**
- Keep exposures to dust generated from cutting, drilling, routing, sawing or crushing, as low as possible. Whenever possible, perform machining of boards in a well ventilated area (outside) and use local exhaust ventilation to keep exposures below the recommended exposure limits. When using power saws, use saw blades designed for fiber cement siding. Use of pneumatic/electric shears or guillotine –style shears designed for fiber cement are practices which minimize dust exposure.

Personal Protective Equipment

- Respiratory** • Manufacturer recommends use of NIOSH N-95 respirators when cutting, drilling, sanding, etc.
- Eyes/Face/Hands** • Safety glasses with side shields should be worn at a minimum.
- Skin/Body** • Normal work clothing (long sleeved shirts and long pants) is recommended.

General Industrial Hygiene Considerations

- Keep formation of airborne dusts to a minimum. Use good industrial hygiene practices in handling this material.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
 STEL = Short Term Exposure Limits are based on 15-minute exposures
 LLV = Limit Level Value is the exposure limit for 8-hour work day.
 STV = Short-term exposure limit based on 15-minute exposure
 NIOSH = National Institute of Occupational Safety and Health
 TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)

OEL = Occupational Exposure Limit
 TWAEV = Time-Weighted Average Exposure Value
 OSHA = Occupational Safety and Health Administration
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures
 PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

Section 9: Physical and Chemical Properties

Information on Physical and Chemical Properties

| MATERIAL DESCRIPTION | | | |
|-------------------------------------|--|------------------------|--|
| Physical Form | Solid | Appearance/Description | Solid gray boards with varying dimensions according to product specifications. Some may be coated with an acrylic primer |
| Color | Gray This product may also be prefinished and sold under the ColorMax Brand. | Odor | None |
| Odor Threshold | No Data Available | | |
| General Properties | | | |
| Boiling Point | No Data Available | Melting Point | No Data Available |
| Decomposition Temperature | No Data Available | pH | 10 to 12 |
| Specific Gravity/Relative Density | 1 to 1.1 Water=1 | Density | 1.2 to 1.6 g/mL |
| Water Solubility | Insoluble 0.1 g/L | Viscosity | No Data Available |
| Viscosity | | | |
| Vapor Pressure | No Data Available | Vapor Density | No Data Available |
| Evaporation Rate | No Data Available | | |
| Flammability | | | |
| Flash Point | No Data Available | UEL | No Data Available |
| LEL | No Data Available | Autoignition | No Data Available |
| Flammability (solid, gas) | Not Flammable | | |
| Environmental | | | |
| Octanol/Water Partition coefficient | No Data Available | | |

Section 10: Stability and Reactivity

Reactivity

Chemical Stability

Possibility of Hazardous reactions

Conditions to Avoid

Conditions to Avoid

Incompatible materials

Hazardous decomposition products

- No dangerous reaction known under conditions of normal use.
- Stable under normal conditions.
- Hazardous polymerization will not occur.
- No dangerous reaction known under conditions of normal use.
- No dangerous reaction known under conditions of normal use.
- None known.
- None known.

Section 11: Toxicological Information

Information on toxicological effects

Other Material Information

- The potential for hazardous component release occurs during installation of the product and specifically during cutting, drilling, crushing, etc. activities that generate dust. Hazardous components are not expected to be released once the product is installed.

| COMPONENT NAME | CAS | DATA |
|-----------------------------------|------------|--|
| Quartz (25% TO 35%) | 14808-60-7 | Tumorigen/Carcinogen: ihl-rat TCLo:50 mg/m3/6H/71W-I |
| Titanium dioxide (< 0.62%) | 13463-67-7 | Irritation: skn-hmn 300 ug/3D-I MLD; Tumorigen/Carcinogen: ihl-rat TCLo:250 mg/m3/6H/2Y-I |
| Silica, amorphous (8.2% TO 17.4%) | 7631-86-9 | Irritation: eye-rbt 25 mg/24H MLD |

| GHS PROPERTIES | CLASSIFICATION |
|-------------------------------|--|
| Acute toxicity | OSHA HCS 2012 • No data available |
| Aspiration Hazard | OSHA HCS 2012 • No data available |
| Carcinogenicity | OSHA HCS 2012 • Carcinogenicity 1A |
| Germ Cell Mutagenicity | OSHA HCS 2012 • No data available |
| Skin corrosion/Irritation | OSHA HCS 2012 • No data available |
| Skin sensitization | OSHA HCS 2012 • No data available |
| STOT-RE | OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1 |
| STOT-SE | OSHA HCS 2012 • No data available |
| Toxicity for Reproduction | OSHA HCS 2012 • No data available |
| Respiratory sensitization | OSHA HCS 2012 • No data available |
| Serious eye damage/Irritation | OSHA HCS 2012 • No data available |

Target Organs

- Lungs

Route(s) of entry/exposure • Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

Acute (Immediate)

- May cause coughing and/or sneezing. Temporary irritation of nose and throat may occur.

Chronic (Delayed)

- Silicosis (pulmonary fibrosis or severe lung scarring) may occur if exposed to high levels or repeated encounters with dust. This product contains crystalline silica (quartz) which is listed by IARC as carcinogen and a known human carcinogen by NTP. Exposure to airborne particles that exceed the limits listed may cause lung cancer.

Skin

Acute (Immediate)

- Dust or powder may result in mechanical irritation of the skin characterized by itching or redness. Rubbing skin may increase irritation.

Chronic (Delayed)

- No data available.

Eye

Acute (Immediate)

- Mechanical irritation of the eye may occur characterized by itching or redness. Rubbing may cause abrasion of cornea.

Chronic (Delayed)

- No data available.

Ingestion

Acute (Immediate)

Chronic (Delayed)

Carcinogenic Effects

- Ingestion of this product unlikely. Ingestion of particles may cause gastrointestinal irritation
- No data available.
- When used under normal conditions, this product is not considered a carcinogen. This product contains crystalline silica. IARC Monographs on Evaluation of Carcinogenic Risk of Chemicals to Humans (Monograph 68, 1997) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to humans, IARC (Group I). Crystalline Silica is classified as a Known Carcinogen according to the NTP.

CARCINOGENIC EFFECTS

| | CAS | IARC | NTP |
|------------------|------------|------------------------------|------------------------|
| Titanium dioxide | 13463-67-7 | Group 2B-Possible Carcinogen | Not Listed |
| Quartz | 14808-60-7 | Group 1-Carcinogenic | Known Human Carcinogen |

Reproductive Effects

Other Information

- None Known
- This product is not toxic in its intact form. Temporary irritation may be observed in the upper respiratory system, eyes, and skin. Inhalation of dusts/fumes from this product may cause a scratchy throat, congestion, and slight coughing.

Key to abbreviations

MLD = Mild
TC = Toxic Concentration

Section 12: Ecological Information

Toxicity

Persistence and degradability

Bioaccumulative potential

Mobility in Soil

- Material data lacking.
- No information available for the product.
- No information available for the product.
- Material data lacking.

Other adverse effects

Ecological Fate

Potential Environmental Effects

- The product is not biodegradable
- Fiber Cement boards do not present an environmental risk in the intact (whole) state, i.e., when installed or in packaging. Fiber Cement boards do not present an environmental risk in the intact (whole) state, i.e., when installed or in packaging.

Section 13: Disposal Conditions

Waste Treatment Methods

Product waste

- This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local public health department, or the local office of the EPA. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14: Transport Information

| | 14.1 UN Number | 14.2 un proper shipping name | 14.3 Transport Hazard Class(es) | 14.4 Packing Group | 14.5 Environmental Hazards |
|----------|----------------|------------------------------|---------------------------------|--------------------|----------------------------|
| DOT | NDA | Not Regulated | NDA | NDA | NDA |
| TDG | NDA | Not Regulated | NDA | NDA | NDA |
| ATA/ICAO | NDA | Not Regulated | NDA | NDA | NDA |

Waste Treatment Methods

Special precautions for user

- None known.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant

Section 15: Regulatory

STATE RIGHT TO KNOW

| Component | CAS | MA | NJ | PA |
|-------------------|------------|---------------|-----|-----|
| Coal fly ash | 68131-74-8 | No | No | No |
| Portland Cemet | 65997-15-1 | Not Regulated | NDA | NDA |
| Cellulow Fiber | NDA | No | No | No |
| Quartz | 14808-60-7 | Yes | Yes | Yes |
| Magnesium Oxide | 1309-48-4 | Yes | Yes | Yes |
| Iron Oxide | 1309-37-1 | Yes | Yes | Yes |
| Aluminum Oxide | 1344-28-1 | Yes | Yes | Yes |
| Titinium Dioxide | 13463-67-7 | Yes | Yes | Yes |
| Calcium Oxide | 1305-78-8 | Yes | Yes | Yes |
| Silica, Amorphous | 7631-86-9 | Yes | Yes | Yes |

INVENTORY

| Component | CAS | MA | NJ | PA |
|-------------------|------------|-----|----|-----|
| Coal fly ash | 68131-74-8 | Yes | No | Yes |
| Portland Cemet | 65997-15-1 | Yes | No | Yes |
| Cellulow Fiber | NDA | No | No | No |
| Quartz | 14808-60-7 | Yes | No | Yes |
| Magnesium Oxide | 1309-48-4 | Yes | No | Yes |
| Iron Oxide | 1309-37-1 | Yes | No | Yes |
| Aluminum Oxide | 1344-28-1 | Yes | No | Yes |
| Titinium Dioxide | 13463-67-7 | Yes | No | Yes |
| Calcium Oxide | 1305-78-8 | Yes | No | Yes |
| Silica, Amorphous | 7631-86-9 | Yes | No | Yes |

Other Information

- CA Proposition 65 - WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16: Other Information

| | |
|---------------------------|--------------------|
| Last Revision Date | • 12/July/2013 |
| Preparation Date | • 24/February/1998 |

Disclaimer/Statement of Liability

Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.