
SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Aqua Mix® Stone Enhancer

Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Sealer

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

Name/Address: Custom Building Products
Five Concourse Parkway, Suite 1900
Atlanta, GA 30328

Telephone Number: 1-(800)-272-8786

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: INFOTRAC 1-800-535-5053 (US and Canada)
INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200 (OSHA HAZCOM2012)

| | |
|-------------------|-------------|
| Flammable Liquid | Category 3 |
| Eye Irritation | Category 2B |
| Skin Irritation | Category 2 |
| Aspiration Hazard | Category 1 |

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD:
DANGER!

2.2b HAZARD STATEMENTS
Flammable liquid and vapor
Causes eye irritation
Causes skin irritation
May be fatal if swallowed and enters airways

2.2c HAZARD PICTOGRAMS



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2.2d PRECAUTIONARY STATEMENTS

| | |
|----------------------|---|
| i. PREVENTION | Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Take precautionary measure against static discharge. Wash hands thoroughly after handling. Do not breathe vapors/mists/fumes. Do not eat, drink or smoke while using this product. Use only outdoors or in a well ventilated area. Wear impervious gloves/protective clothing/eye protection. |
| ii. RESPONSE | In case of fire: Use class ABC fire extinguisher. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If swallowed: Immediately call a poison center/doctor. Rinse mouth. |
| iii. STORAGE | Store in a well-ventilated place. Keep cool. Keep container tightly closed. |
| iv. DISPOSAL | Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations. |

2.3 ADDITIONAL INFORMATION

2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED

Not Applicable

2.3b UNKNOWN ACUTE TOXICITY

<1% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

| Chemical Name | CAS Number | Weight % |
|---|------------|-----------|
| Octyltriethoxysilane | 2943-75-1 | 10 – 15%* |
| Distillates petroleum, hydrotreated light | 64742-47-8 | 10 – 15%* |
| Methylmethoxy siloxane with methyl silsesquioxane | 68037-85-4 | 5 – 10%* |
| Tetra n-butyl titanate | 5593-70-4 | 1 – 3%* |

*Means that the component will fall into one of the ranges specified due to batch-to-batch variability and to protect Confidential Business Information.

Section 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST-AID MEASURES

| ROUTES OF EXPOSURE | DESCRIPTION |
|--------------------|---|
| Eye Contact: | In case of contact, immediately flush eyes with plenty of water for |

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several minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
- Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

| ROUTES OF EXPOSURE | DESCRIPTION |
|----------------------|---|
| Eye Contact: | Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. |
| Skin Contact: | Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. |
| Inhalation: | May cause respiratory tract irritation. |
| Ingestion: | May be fatal if swallowed and enters airways. Ingestion may cause discomfort and/or distress, nausea or vomiting. |

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- Note to Physicians:** Symptoms may not appear immediately.
- Specific Treatments:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY

Flammability: Flammable by WHMIS/OSHA HAZCOM2012 Criteria

5.2 EXTINGUISHING MEDIA

5.2a. Suitable Extinguishing Media:
Treat for surrounding material.

5.2b. Unsuitable Extinguishing Media:
Not Available

5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

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5.3a. Products of Combustion:

May include, and are not limited to: oxides of carbon, oxides of nitrogen. Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard.

5.3b. Explosion Data

i. Sensitivity to Mechanical Impact:

Not Available

ii. Sensitivity to Static Discharge:

Not Available

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment: Recover all usable material. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up: Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Use in well-ventilated areas. Wear impervious gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe vapors/mists/fumes. Do not take internally.

General Hygiene Advice: Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep out of the reach of children. Keep container tightly closed. Store at room temperature and keep containers closed when not in use.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETER

Exposure Guidelines:

| Occupational Exposure Limits | | |
|---|---------------|---------------|
| Chemical Name | OSHA-PEL | ACGIH-TLV |
| Octyltriethoxysilane | Not Available | Not Available |
| Distillates petroleum, hydrotreated light | Not Available | Not Available |
| Methylmethoxy siloxane with methyl silsesquioxane | Not Available | Not Available |
| Tetra n-butyl titanate | Not Available | Not Available |

8.2 EXPOSURE CONTROLS

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

8.3 INDIVIDUAL PROTECTION MEASURES

8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
- ii. **Skin Protection:**
 - 1. **Hand Protection:** Wear impervious gloves, such as nitrile.
 - 2. **Body Protection:** Wear suitable protective clothing.
- iii. **Respiratory Protection:** A NIOSH approved respirator or filtering face piece, such as N95, is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---------------|
| Appearance (physical state, color, etc.): | Clear Liquid |
| Odor: | Aromatic |
| Odor Threshold: | Not Available |
| pH: | Not Available |
| Melting point/Freezing point: | Not Available |
| Initial boiling point and boiling range: | Not Available |
| Flash point: | 76°F (24.4°C) |
| Evaporation rate (Water=1): | Not Available |
| Flammability: | Flammable |
| Upper Flammability/Explosive Limit: | Not Available |

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| | |
|--|------------------|
| Lower Flammability/Explosive Limit: | Not Available |
| Vapor Pressure | Not Available |
| Vapor Density: | Not Available |
| Relative Density: | 0.95 – 1.05 g/mL |
| Solubility in Water: | Miscible |
| Partition coefficient: n-octanol/water: | Not Available |
| Auto-ignition temperature: | Not Available |
| Decomposition Temperature: | >302°F (>150°C) |
| Viscosity (cps): | Not Available |
| VOC Content: | 168.1 g/L |

Section 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

Product is designed to react with moisture in the air.

10.2. CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

10.3. POSSIBILITY OF HAZARDOUS REACTION

Upon contact with water, the product will release methanol and ethanol, which have some health ramifications associated with it.

10.4. CONDITIONS TO AVOID

Heat. Incompatible materials.

10.5. INCOMPATIBLE MATERIALS

Strong acids. Strong Oxidizers.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Upon decomposition, this product may yield oxides of carbon, oxides of nitrogen. Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard.

Section 11: TOXICOLOGICAL INFORMATION

11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact, eye contact, inhalation, and ingestion.

11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

Eye Contact: Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin Contact: Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.

Inhalation: May cause respiratory tract irritation.

Ingestion: May be fatal if swallowed and enters airways. Ingestion may cause

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discomfort and/or distress, nausea or vomiting.

| Acute Toxicity | | |
|---|---------------|------------------------|
| Chemical Name | LC50 | LD50 |
| Octyltriethoxysilane | Not Available | Not Available |
| Distillates petroleum, hydrotreated light | Not Available | Oral: 5,628 mg/kg, rat |
| Methylmethoxy siloxane with methyl silsesquioxane | Not Available | Not Available |
| Tetra n-butyl titanate | Not Available | Not Available |

| Carcinogenicity | |
|---|---|
| Chemical Name | Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65) |
| Octyltriethoxysilane | Not Listed |
| Distillates petroleum, hydrotreated light | Not Listed |
| Methylmethoxy siloxane with methyl silsesquioxane | Not Listed |
| Tetra n-butyl titanate | Not Listed |

11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

| SHORT-TERM | |
|--|--|
| Skin Corrosion/Irritation: | Causes skin irritation |
| Serious Eye Damage/Irritation: | Causes eye irritation |
| Respiratory Sensitization: | Not Classified |
| Skin Sensitization: | Not Classified |
| STOT-Single Exposure: | May cause respiratory irritation |
| Aspiration Hazard: | May be fatal if swallowed and enters airways |
| LONG-TERM | |
| Carcinogenicity: | Not Classified |
| Germ Cell Mutagenicity: | Not Classified |
| Reproductive Toxicity: | Not Classified |
| STOT-Repeated Exposure: | Not Classified |
| Synergistic/Antagonistic Effects: | Not Classified |

Section 12: ECOLOGICAL INFORMATION

12.1. ECOTOXICITY

May cause long-term adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

| Ecotoxicity | | |
|---|--------------------|--------------------|
| Chemical Name | EC50/NOEC-48 Hours | LC50/NOEC-96 Hours |
| Octyltriethoxysilane | Not Available | Not Available |
| Distillates petroleum, hydrotreated light | Not Available | Not Available |
| Methylmethoxy siloxane with methyl silsesquioxane | Not Available | Not Available |
| Tetra n-butyl titanate | Not Available | Not Available |

12.2. PERSISTENCE AND DEGRADABILITY

Not Available

12.3. BIOACCUMULATIVE POTENTIAL

Not Available

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12.4. MOBILITY IN SOIL

Not Available

12.5. OTHER ADVERSE EFFECTS

Not Available

Section 13: DISPOSAL CONSIDERATIONS

13.1. DISPOSAL METHOD

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

13.2. OTHER DISPOSAL CONSIDERATIONS

Not Available

Section 14: TRANSPORT INFORMATION

| DOT (U.S.) | TDG (CANADA) | IATA |
|---|---|---|
| UN NUMBER: UN1993 | UN NUMBER: UN1993 | UN NUMBER: UN1993 |
| UN PROPER SHIPPING NAME: Flammable liquids, N.O.S.(Silicone mixture contains distillates petroleum hydrotreated light, Methanol, and Ethanol) | UN PROPER SHIPPING NAME: Flammable liquids, N.O.S.(Silicone mixture contains distillates petroleum hydrotreated light, Methanol, and Ethanol) | UN PROPER SHIPPING NAME: Flammable liquids, N.O.S.(Silicone mixture contains distillates petroleum hydrotreated light, Methanol, and Ethanol) |
| TRANSPORT HAZARD CLASS (ES): 3 | TRANSPORT HAZARD CLASS (ES): 3 | TRANSPORT HAZARD CLASS (ES): 3 |
| PACKING GROUP (if applicable): III | PACKING GROUP (if applicable): III | PACKING GROUP (if applicable): III |
| Limited Quantity <=5L | Limited Quantity <=5L | Limited Quantity <=5L |

SUMMARY: Product is regulated under DOT/TDG and other transportation regulations.

14.1. ENVIRONMENTAL HAZARDS

Not Available

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

Not Available

14.3. SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

Section 15: REGULATORY INFORMATION

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15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL


Canada: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

US: SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200) HazCom 2012

15.2. US FEDERAL INFORMATION:

| CHEMICAL NAME | SARA TITLE III | | | |
|---|-----------------------------|--------------------------|-----------------|-------------------|
| | SECTION 302 (EHS) TPQ (LBS) | SECTION 304 EHS RQ (LBS) | CERCLA RQ (LBS) | SECTION 313 (TRI) |
| Octyltriethoxysilane | Not Listed | Not Listed | Not Listed | Not Listed |
| Distillates petroleum, hydrotreated light | Not Listed | Not Listed | Not Listed | Not Listed |
| Methylmethoxy siloxane with methyl silsesquioxane | Not Listed | Not Listed | Not Listed | Not Listed |
| Tetra n-butyl titanate | Not Listed | Not Listed | Not Listed | Not Listed |

15.3. US STATE RIGHT TO KNOW LAWS:

| | |
|---|---|
| California Proposition 65: |  WARNING: This product can expose you to chemicals including methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| Other U.S. States "Right to Know" Lists: | Octyltriethoxysilane: CAS#2943-75-1 Distillates petroleum, hydrotreated light: CAS#64742-47-8 Methylmethoxy siloxane with methyl silsesquioxane: CAS#68037-85-4 Tetra n-butyl titanate: CAS#5593-70-4 |

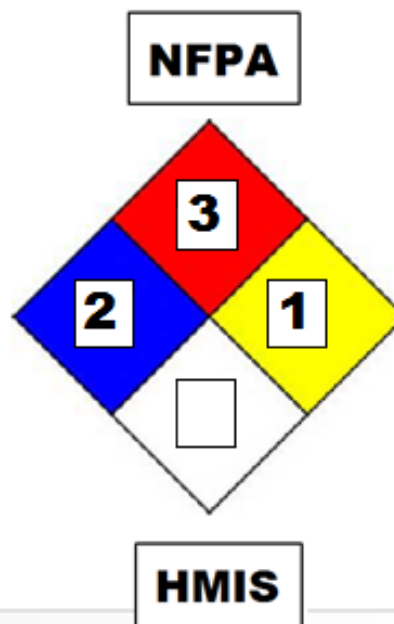
15.4. GLOBAL INVENTORIES

| Chemical Name | USA TSCA | Canada DSL/NDSL |
|---|----------|-----------------|
| Octyltriethoxysilane | Yes | DSL |
| Distillates petroleum, hydrotreated light | Yes | DSL |
| Methylmethoxy siloxane with methyl silsesquioxane | Yes | DSL |
| Tetra n-butyl titanate | Yes | DSL |

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15.5. NFPA AND HMIS RATINGS:

| | |
|--|--|
| <p style="text-align: center; margin: 0;">HEALTH HAZARD</p> <p>4 EXTREME - Highly toxic - May be fatal on short-term exposure.</p> <p>3 SERIOUS - Toxic - Full protective suit and breathing apparatus should be worn.</p> <p>2 MODERATE - Breathing apparatus and face mask must be worn.</p> <p>1 SLIGHT - Breathing apparatus may be worn.</p> <p>0 MINIMAL - No precautions necessary.</p> | <p style="text-align: center; margin: 0;">FLAMMABILITY HAZARD</p> <p>4 EXTREME - Extremely flammable gas or liquid. Flash Point below 73°F.</p> <p>3 SERIOUS - Flammable. Flash Point 73°F to 100°F.</p> <p>2 MODERATE - Combustible. Requires moderate heating to ignite. Flash Point below 200°F.</p> <p>1 SLIGHT - Slightly combustible. Requires strong heating to ignite.</p> <p>0 MINIMAL - Will not burn under normal conditions.</p> |
| <p style="text-align: center; margin: 0;">SPECIFIC HAZARD</p> <p>OXIDIZER OX</p> <p>ACID AC</p> <p>ALKALI AL</p> <p>CORROSIVE CO</p> <p>Use NO WATER W</p> <p>RADIATION R</p> | <p style="text-align: center; margin: 0;">INSTABILITY HAZARD</p> <p>4 EXTREME - Explosive at room temperature.</p> <p>3 SERIOUS - May detonate if shocked or heated under confinement or mixed with water.</p> <p>2 MODERATE - Unstable. May react with water.</p> <p>1 SLIGHT - May react if heated or mixed with water.</p> <p>0 MINIMAL - Normally stable. Does not react with water.</p> |



| Hazard Index | |
|--------------|------------------------|
| 4 | Severe Hazard |
| 3 | Serious Hazard |
| 2 | Moderate Hazard |
| 1 | Slight Hazard |

| | | | | | | | | | | | | | |
|--|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| <p>2 HEALTH</p> <p>3 FLAMMABILITY</p> <p>1 REACTIVITY</p> <p>G PERSONAL PROTECTION</p> | <p style="text-align: center; margin: 0;">PROTECTIVE EQUIPMENT INDEX</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">A </td> <td style="width: 50%; padding: 2px;">G </td> </tr> <tr> <td style="padding: 2px;">B </td> <td style="padding: 2px;">H </td> </tr> <tr> <td style="padding: 2px;">C </td> <td style="padding: 2px;">I </td> </tr> <tr> <td style="padding: 2px;">D </td> <td style="padding: 2px;">J </td> </tr> <tr> <td style="padding: 2px;">E </td> <td style="padding: 2px;">K </td> </tr> <tr> <td style="padding: 2px;">F </td> <td style="padding: 2px;">X <small>Ask your supervisor for special handling instructions.</small></td> </tr> </table> | A | G | B | H | C | I | D | J | E | K | F | X <small>Ask your supervisor for special handling instructions.</small> |
| A | G | | | | | | | | | | | | |
| B | H | | | | | | | | | | | | |
| C | I | | | | | | | | | | | | |
| D | J | | | | | | | | | | | | |
| E | K | | | | | | | | | | | | |
| F | X <small>Ask your supervisor for special handling instructions.</small> | | | | | | | | | | | | |

15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

| | |
|------------------|--|
| CP65 | California Proposition 65 |
| OSHA (O) | Occupational Safety and Health Administration |
| ACGIH (G) | American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> A1 – Confirmed human carcinogen A2 – Suspected human carcinogen A3 – Animal carcinogen A4 – Not classifiable as a human carcinogen A5 – Not suspected a human carcinogen |
| IARC (I) | International Agency for Research on Cancer <ul style="list-style-type: none"> 1 – The agent (mixture) is carcinogenic to humans 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient |

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| | |
|----------------|--|
| | <p>evidence of carcinogenicity in experimental animals.</p> <ul style="list-style-type: none"> • 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans. |
| NTP (N) | <p>National Toxicology Program</p> <ul style="list-style-type: none"> • 1 – Known to be carcinogens • 2 – Reasonably anticipated to be carcinogens |

Section 16: OTHER INFORMATION

Date of Preparation: February 26, 2015

Version: 2.2

Revision Date: January 5, 2021

Disclaimer: We believe that the statements, technical information and recommendations contained in this Safety Data Sheet are true, but they are given without warranty of any kind. The information in this document applies to this specific substance as supplied. They may not be valid for this substance if it is used in combination with any other substance. It is the user's responsibility to ensure the relevance and completeness of this information for the particular use they will make of it. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by: Custom Building Products
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www.custombuildingproducts.com

End of Safety Data Sheet