



# 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  
3490 Piedmont Road, Suite 1300  
Atlanta, GA 30329

**Telephone Number:** (562)-598-8808

### 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)

#### Physical Hazards

Flammable Category 3

#### Health Hazards

Skin Corrosion/Irritation Category 3  
Serious Damage/Eye Irritation Category 2B  
Aspiration Toxicity Category 2

### 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

**2.2a SIGNAL WORD:**  
DANGER!

#### 2.2b HAZARD STATEMENTS

Flammable liquid and vapor  
Causes mild skin irritation  
Causes eye irritation  
Maybe harmful if swallowed and enters airways



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### 2.2c HAZARD PICTOGRAMS



### 2.2d PRECAUTIONARY STATEMENTS

<b>i. PREVENTION</b>	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use explosion-proof electrical/ ventilating/ lighting /.../ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/ vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.
<b>ii. RESPONSE</b>	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. If swallowed: immediately call a poison center/doctor. In case of fire, use a Class C dry extinguisher for extinction.
<b>iii. STORAGE</b>	Store in a well-ventilated place. Keep container tightly closed. Ground/Bond container and receiving equipment.
<b>iv. DISPOSAL</b>	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

0% of the mixture consists of ingredient(s) of unknown acute toxicity.

#### 2.3c WHMIS CLASSIFICATION

Class B Division 2  
Class D Division 2B



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## 2.3d LABEL ELEMENTS ACCORDING TO WHMIS

### i. WHMIS HAZARD SYMBOLS



### ii. SIGNAL WORD DANGER!

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

Chemical Name	CAS Number	Weight %
Distillates petroleum, hydrotreated light	64742-47-8	10 – 30%*
Octyltriethoxysilane	2943-75-1	10 – 30%*
Methylmethoxy siloxane with methyl silsesquioxane	68037-85-4	5 – 10%*
Tetra n-butyl titanate	5593-70-4	1 – 5%*

\*Means that the component will fall into one the ranges specified due to batch-to-batch variability.

## Section 4: FIRST-AID MEASURES

### 4.1 DESCRIPTION OF THE FIRST-AID MEASURES

ROUTES OF EXPOSURE	DESCRIPTION
<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
<b>Skin Contact:</b>	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.
<b>Inhalation:</b>	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.
<b>Ingestion:</b>	Aspiration hazard. If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by



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mouth to an unconscious person. Get medical advice/attention.

## 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

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

## 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not applicable

## 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

**5.3a. Products of Combustion:**  
Fire will form hazardous combustion gases of carbon dioxide, carbon monoxide and nitrogen oxides

#### 5.3b. Explosion Data

- i. **Sensitivity to Mechanical Impact:**  
Not available.
- ii. **Sensitivity to Static Discharge:**



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Not available.

### 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. Pick up large pieces, and then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Cleaning-Up:** Vacuum or sweep material and place in a disposal container. 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 chemical resistant 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 fumes. Do not take internally. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/light... equipment

**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. Keep away from oxidizing material. Store at room temperature and keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Keep dry until 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
Distillates Petroleum, hydrotreated light	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Methanol, decomposition product	200 ppm	200 ppm
Ethanol, decomposition product	1000 ppm	1000 ppm

### 8.2 EXPOSURE CONTROLS

#### Engineering Controls:

Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath. 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 chemical resistant gloves.
  2. **Body Protection:** Wear suitable protective clothing
- iii. **Respiratory Protection:** A NIOSH approved dust mask or filtering face piece 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.):	Liquid
Odor:	Aromatic
Odor Threshold:	Not available



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<b>pH:</b>	Not available
<b>Melting point/Freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Not available
<b>Flash point:</b>	78F
<b>Evaporation rate (Water=1):</b>	Not available
<b>Flammability:</b>	Not flammable
<b>Upper Flammability/Explosive Limit:</b>	Not available
<b>Lower Flammability/Explosive Limit:</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Relative Density:</b>	1.01 g/mL
<b>Solubility in Water:</b>	Not soluble in water
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity (cps):</b>	Not available
<b>VOC Content:</b>	168 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 in the absence of contamination or moisture

#### 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. See toxicological information

#### 10.4. CONDITIONS TO AVOID

Avoid contact with water and strong acid. Keep away from sources of heat as well as sources of ignition.

#### 10.5. INCOMPATIBLE MATERIALS

Strong acids. Strong Oxidizers.

#### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Upon decomposition, this product may yield oxides of carbon, hazardous

### Section 11: TOXICOLOGICAL INFORMATION

#### 11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact, eye contact, inhalation, and ingestion.



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### 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 harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

#### Acute Toxicity

- Distillates petroleum, hydro treated light:  
Inh. – LD50 (rat) 64000ppm/4Hr  
Oral – LD50 (rat) 5.638g/kg  
Dermal – LD50 (rabbit) >2,000mg/kg
- Methanol; decomposition product  
Inhalation – LD50 (rat): 64000ppm/4hr  
Oral – LD50 (rat): 5.28g/kg
- Ethanol; decomposition product  
Inhalation – LC50 (rat): 8001mg/L 4hr  
Oral – LD50 (rat): 6200 g/kg

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

SHORT-TERM	
<b>Skin Corrosion/Irritation:</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation:</b>	Causes eye irritation
<b>Respiratory Sensitization:</b>	Not available
<b>Skin Sensitization:</b>	Not available
<b>STOT-Single Exposure:</b>	Not available
<b>Aspiration Hazard:</b>	Aspiration Hazard: can enter the lungs and cause severe damage
LONG-TERM	
<b>Carcinogenicity:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>STOT-Repeated Exposure:</b>	Not available
<b>Synergistic/Antagonistic Effects:</b>	Not available

## Section 12: ECOLOGICAL INFORMATION





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**12.1. ECOTOXICITY:** Do not allow to enter soil, waterways or waste water canal. It is not allowed to be released into biological sewage treatment plants. Ecological data is not available.

**12.2. PERSISTENCE/DEGRADABILITY:** Not available

**12.3. BIOACCUMULATIVE POTENTIAL:** Not available

**12.4. MOBILITY IN SOIL:** 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)
<b>UN NUMBER:</b>  UN1993	<b>UN NUMBER:</b>  UN1993
<b>UN PROPER SHIPPING NAME:</b>  Flammable Liquid n.o.s (Silicone Mixture Contains Methanol and Ethanol)	<b>UN PROPER SHIPPING NAME:</b>  Flammable Liquid n.o.s (Silicone Mixture Contains Methanol and Ethanol)
<b>TRANSPORT HAZARD CLASS (ES):</b>  Class 3	<b>TRANSPORT HAZARD CLASS (ES):</b>  Class 3
<b>PACKING GROUP (if applicable):</b>  PG III	<b>PACKING GROUP (if applicable):</b>  PG III

SUMMARY: Product is NOT 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.



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## Section 15: REGULATORY INFORMATION

### 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 Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**US:** SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

### 15.2. US FEDERAL INFORMATION:

SARA TITLE III				
Chemical Name	Section 302 EHS TPQ (lbs)	Section 304 EHS RQ (lbs)	CERCLA RQ (lbs.)	Section 313
Distillates Petroleum	Not listed	Not listed	Not listed	Not listed
Methylmethoxy siloxane with methyl silsesquioxane	Not listed	Not listed	Not listed	Not listed
Octyltriethoxysilane	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:

<b>California Proposition 65:</b>	<b>WARNING!</b> This product does NOT contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
<b>Other U.S. States "Right to Know" Lists:</b>	
<b>New Jersey:</b>	Distillates Petroleum: <b>CAS#64742-47-8</b> Methylmethoxy siloxane with methyl silsesquioxane <b>CAS#68037-85-4</b> Octyltriethoxysilane <b>CAS#2943-75-1</b> Tetra n-butyl titanate <b>CAS#5593-70-4</b>
<b>Pennsylvania:</b>	Distillates Petroleum: <b>CAS#64742-47-8</b> Methylmethoxy siloxane with methyl silsesquioxane <b>CAS#68037-85-4</b> Octyltriethoxysilane <b>CAS#2943-75-1</b> Tetra n-butyl titanate <b>CAS#5593-70-4</b>
<b>Massachusetts:</b>	Distillates Petroleum: <b>CAS#64742-47-8</b> Methylmethoxy siloxane with methyl silsesquioxane <b>CAS#68037-85-4</b> Octyltriethoxysilane <b>CAS#2943-75-1</b> Tetra n-butyl titanate <b>CAS#5593-70-4</b>
<b>Minnesota:</b>	Distillates Petroleum: <b>CAS#64742-47-8</b>



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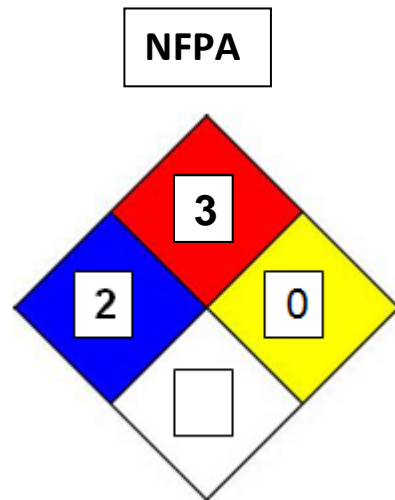
	Methylmethoxy siloxane with methyl silsesquioxane <b>CAS#68037-85-4</b> Octyltriethoxysilane <b>CAS#2943-75-1</b> Tetra n-butyl titanate <b>CAS#5593-70-4</b>
<b>Florida:</b>	Not Available
<b>Michigan:</b>	Not Available

## 15.4. GLOBAL INVENTORIES

Chemical Name	USA TSCA	Canada DSL/NDSL
Petroleum Distillates	Yes	DSL
Methylmethoxy siloxane with methyl silsesquioxane	Yes	DSL
Octyltriethoxysilane	Yes	DSL
Tetra n-butyl titanate	Yes	DSL

## 15.5. NFPA AND HMIS RATINGS:

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



**HMIS**

<b>2</b> <b>HEALTH</b>	<b>PROTECTIVE EQUIPMENT INDEX</b>	
<b>3</b> <b>FLAMMABILITY</b>	<b>A</b>	<b>G</b>
<b>0</b> <b>REACTIVITY</b>	<b>B</b>	<b>H</b>
<b>0</b> <b>PERSONAL PROTECTION</b>	<b>C</b>	<b>I</b>
<b>B</b>	<b>D</b>	<b>J</b>
	<b>E</b>	<b>K</b>
	<b>F</b>	<b>X</b> Ask your supervisor for special handling instructions.

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

Aqua Mix Stone Enhancer



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## 15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

<b>CP65</b>	California Proposition 65
<b>OSHA (O)</b>	Occupational Safety and Health Administration
<b>ACGIH (G)</b>	American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> <li>• A1 – Confirmed human carcinogen</li> <li>• A2 – Suspected human carcinogen</li> <li>• A3 – Animal carcinogen</li> <li>• A4 – Not classifiable as a human carcinogen</li> <li>• A5 – Not suspected a human carcinogen</li> </ul>
<b>IARC (I)</b>	International Agency for Research on Cancer <ul style="list-style-type: none"> <li>• 1 – The agent (mixture) is carcinogenic to humans</li> <li>• 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.</li> <li>• 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.</li> <li>• 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.</li> <li>• 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</li> </ul>
<b>NTP (N)</b>	National Toxicology Program <ul style="list-style-type: none"> <li>• 1 – Known to be carcinogens</li> <li>• 2 – Reasonably anticipated to be carcinogens</li> </ul>

## Section 16: OTHER INFORMATION

**Date of Preparation:** February 26, 2015

**Version:** 1.0

**Revision Date:** N/A

**Disclaimer:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

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### End of Safety Data Sheet