#### **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** INFOTRAC 1-800-535-5053 (US and Canada)

Number: 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

## 2.2c HAZARD PICTOGRAMS





## 2.2d PRECAUTIONARY STATEMENTS

i.	PREVENTION	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 impervious gloves/protective clothing/eye protection/face protection.
ii.	RESPONSE	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.
iii.	STORAGE	Store in a well-ventilated place. Keep container tightly closed. Ground/Bond container and receiving equipment.
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

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



#### 2.3c WHMIS CLASSIFICATION

Class B Division 2 Class D Division 2B

#### 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 titinate	5593-70-4	1 – 5%*

<sup>\*</sup>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
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for 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: Aspiration hazard. 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:	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:

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 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 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.

## 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 impervious gloves, such as nitrile

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

#### 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	
Skin Corrosion/Irritation:	Causes skin irritation
Serious Eye Damage/Irritation:	Causes eye irritation
Respiratory Sensitization:	Not available



Skin Sensitization:	Not available	
STOT-Single Exposure:	Not available	
Aspiration Hazard:	Aspiration Hazard: can enter the lungs and cause	
	severe damage	
LONG-TERM		
Carcinogenicity:	Not available	
Germ Cell Mutagenicity:	Not available	
Reproductive Toxicity:	Not available	
STOT-Repeated Exposure:	Not available	
Synergistic/Antagonistic Effects:	Not available	

## **Section 12: ECOLOGICAL INFORMATION**

- **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)	
UN NUMBER:	UN NUMBER:	
UN1993	UN1993	
UN PROPER SHIPPING NAME:	UN PROPER SHIPPING NAME:	
Flammable Liquid n.o.s (Silicone Mixture Contains	Flammable Liquid n.o.s (Silicone Mixture	
Methanol and Ethanol)	Contains Methanol and Ethanol)	



TRANSPORT HAZARD CLASS (ES):	TRANSPORT HAZARD CLASS (ES):
Class 3	Class 3
PACKING GROUP (if applicable):	PACKING GROUP (if applicable):
PG III	PG III

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

## 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 titinate	Not listed	Not listed	Not listed	Not listed

#### 15.3. US STATE RIGHT TO KNOW LAWS:

California Proposition 65:	WARNING! This product does NOT contain a chemical
·	known to the State of California to cause cancer, birth



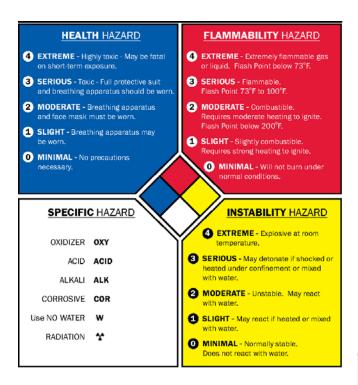
	defects or other reproductive harm
Other U.S. States "Right to Know" Lists:	
	Distillates Petroleum: CAS#64742-47-8
New Jersey:	Methylmethoxy siloxane with methyl silsesquioxane CAS#68037-85-4
	Octyltriethoxysilane CAS#2943-75-1
	Tetra n-butyl titinate CAS#5593-70-4
Pennsylvania:	Distillates Petroleum: CAS#64742-47-8
•	Methylmethoxy siloxane with methyl silsesquioxane CAS#68037-85-4
	Octyltriethoxysilane CAS#2943-75-1
	Tetra n-butyl titinate <b>CAS#2543-73-1</b>
Massachusetts:	Distillates Petroleum: CAS#64742-47-8
massachasetts.	Methylmethoxy siloxane with methyl silsesquioxane
	CAS#68037-85-4
	Octyltriethoxysilane CAS#2943-75-1
	Tetra n-butyl titinate CAS#5593-70-4
Minnesota:	Distillates Petroleum: CAS#64742-47-8
	Methylmethoxy siloxane with methyl silsesquioxane
	CAS#68037-85-4
	Octyltriethoxysilane CAS#2943-75-1
	Tetra n-butyl titinate CAS#5593-70-4
Florida:	Not Available
Michigan:	Not Available

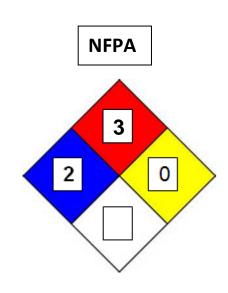
## 15.4. GLOBAL INVENTORIES

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



#### 15.5. NFPA AND HMIS RATINGS:





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

PROTECTIVE	EQUIPMENT INDEX
$\mathbf{A} \Leftrightarrow$	G ↔+ <b>%</b> +• <b>1</b>
R A.	H 🖘 + 🕻 + 🦚
C ↔+ <b>%</b> + <b>1</b>	<b>□</b> ⇔+ <b>%</b> + <b>♠</b>
<b>□</b> 冠 + <b>%</b> +∦	<b>J</b> <del>⇔</del> + <b>\$</b> + <b>\$</b> + <b>\$</b>
	K @+ <b>%</b> + <b>M</b> + <b>L</b>
<b>F</b> ⇔+ <b>\$</b> + <b>#</b> + <b>€</b>	Ask your supervisor for special handling instructions
	A

CP65	California Proposition 65	
OSHA (O)	Occupational Safety and Health Administration	
ACGIH (G)	American Conference of Governmental Industrial Hygienists	
	A1 – Confirmed human carcinogen	
	A2 – Suspected human carcinogen	
	A3 – Animal carcinogen	
	A4 – Not classifiable as a human carcinogen	
	A5 – Not suspected a human carcinogen	



Conforms to OSHA HazCom 2012 Standard and WHMIS

IARC (I)	International Agency for Research on Cancer	
	<ul> <li>1 – The agent (mixture) is carcinogenic to humans</li> </ul>	
	<ul> <li>2A – The agent (mixture) is probably carcinogenic to humans; there</li> </ul>	
	is limited evidence of carcinogenicity in humans and sufficient	
	evidence of carcinogenicity in experimental animals.	
	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.	
	<ul> <li>4 – The agent (mixture, exposure circumstance) is probably not</li> </ul>	
	carcinogenic to humans.	
NTP (N)	National Toxicology Program	
	1 – Known to be carcinogens	
	2 – Reasonably anticipated to be carcinogens	

## **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.

Prepared by: **Custom Building Products** 

Phone: (562)-968-2980

www.custombuildingproducts.com

## **End of Safety Data Sheet**