



SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Aqua Mix® Enrich 'N' Seal

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 2

Health Hazards

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

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD:
DANGER!

2.2b HAZARD STATEMENTS
Flammable liquid and vapor
Causes skin irritation
Causes eye irritation

2.2c HAZARD PICTOGRAMS



SAFETY DATA SHEET



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 protective 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 experiencing respiratory symptoms: call a poison center/doctor. If exposed or concerned: get medical advice/attention. 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



SAFETY DATA SHEET

i. WHMIS HAZARD SYMBOLS



ii. SIGNAL WORD DANGER!

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

Chemical Name	CAS Number	Weight %
Methylmethoxy siloxane with methyl silsesquioxane	68037-85-4	40 – 70%*
Octyltriethoxysilane	2943-75-1	10 – 30%*
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
Eye Contact:	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.
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



SAFETY DATA SHEET

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 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



SAFETY DATA SHEET

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.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETER

Exposure Guidelines



SAFETY DATA SHEET

Occupational Exposure Limits		
Chemical Name	OSHA-PEL	ACGIH-TLV
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
pH:	Not available
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	70F
Evaporation rate (Water=1):	Not available
Flammability:	Not flammable
Upper Flammability/Explosive Limit:	Not available
Lower Flammability/Explosive Limit:	Not available



SAFETY DATA SHEET

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:	210 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.



SAFETY DATA SHEET

Inhalation: May cause respiratory tract irritation.
Ingestion: May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

Acute Toxicity

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:	Not available
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



SAFETY DATA SHEET

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: UN1993	UN NUMBER: UN1993
UN PROPER SHIPPING NAME: Flammable Liquid n.o.s (Silicone Mixture Contains Methanol and Ethanol)	UN PROPER SHIPPING NAME: Flammable Liquid n.o.s (Silicone Mixture Contains Methanol and Ethanol)
TRANSPORT HAZARD CLASS (ES): Class 3	TRANSPORT HAZARD CLASS (ES): Class 3
PACKING GROUP (if applicable): PG II	PACKING GROUP (if applicable): PG II

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



SAFETY DATA SHEET

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
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:

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:	
New Jersey:	Methylmethoxy siloxane with methyl silsesquioxane CAS#68037-85-4 Octyltriethoxysilane CAS#2943-75-1 Tetra n-butyl titanate CAS#5593-70-4
Pennsylvania:	Methylmethoxy siloxane with methyl silsesquioxane CAS#68037-85-4 Octyltriethoxysilane CAS#2943-75-1 Tetra n-butyl titanate CAS#5593-70-4
Massachusetts:	Methylmethoxy siloxane with methyl silsesquioxane CAS#68037-85-4 Octyltriethoxysilane CAS#2943-75-1 Tetra n-butyl titanate CAS#5593-70-4
Minnesota:	Methylmethoxy siloxane with methyl silsesquioxane CAS#68037-85-4 Octyltriethoxysilane CAS#2943-75-1 Tetra n-butyl titanate CAS#5593-70-4
Florida:	Not Available
Michigan:	Not Available

15.4. GLOBAL INVENTORIES

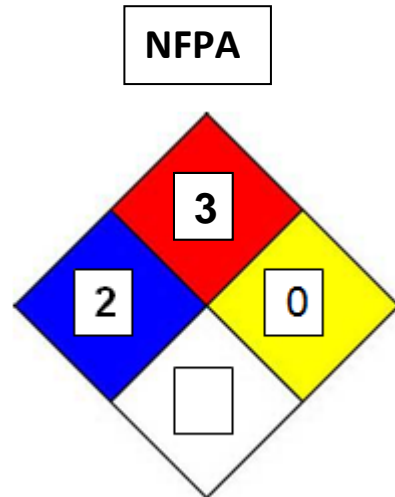
Chemical Name	USA TSCA	Canada DSL/NDL
Methylmethoxy siloxane with methyl silsesquioxane	Yes	DSL
Octyltriethoxysilane	Yes	DSL
Tetra n-butyl titanate	Yes	DSL



SAFETY DATA SHEET

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 OXY</p> <p>ACID ACID</p> <p>ALKALI ALK</p> <p>CORROSIVE COR</p> <p>Use NO WATER W</p> <p>RADIATION ☸</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

HMIS

<p style="text-align: center; margin: 0;">2 HEALTH</p> <p style="text-align: center; margin: 0;">3 FLAMMABILITY</p> <p style="text-align: center; margin: 0;">0 REACTIVITY</p> <p style="text-align: center; margin: 0;">0 PERSONAL PROTECTION</p> <p style="text-align: center; margin: 0; font-size: 2em;">B</p>	<p style="text-align: center; margin: 0; font-size: 0.8em;">PROTECTIVE EQUIPMENT INDEX</p> <table style="width: 100%; font-size: 0.8em;"> <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 Ask your supervisor for special handling instructions.</td> </tr> </table>	A	G	B	H	C	I	D	J	E	K	F	X Ask your supervisor for special handling instructions.
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SAFETY DATA SHEET

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 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. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
NTP (N)	National Toxicology Program <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 11, 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