

**SECTION 1: PRODUCT AND COMPANY INFORMATION**

Issue Date: 05/05/15  
Date of previous: 07/15/11

**Manufacturer** Modern Stone Technologies–2225 West Pecos Rd.-Suite 12 – Chandler– AZ 85224 (866) 868-0810  
**Product Family** **Sealer**  
**Trade Name(s)** Enhancer  
**Recommended Uses** Seals and enhances color for natural stone, masonry, concrete

**24-Hour Emergency Phone Number - CHEMTREC International: (703) 527-3887**

**SECTION 2: HAZARD IDENTIFICATION****Classification:**

Acute Toxicity (Oral), Category 4  
Eye Damage/Irritation, Category 2



**Hazard Pictogram:** Exclamation

**Signal Word:** Warning

**Hazard Statement:** Harmful if swallowed. Causes skin irritation.

**Precautionary Statements:****Prevention**

Do not eat drink or smoke when using this product. Wash immediately if skin or eye contact occurs. Wear protective gloves/clothing/eye wear and face gear.

**Response**

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF ON SKIN:** Take off contaminated clothing immediately. Wash skin thoroughly. Wash contaminated clothing before reuse. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call medical doctor or poison control. Seek medical attention immediately. **IF IN EYES:** Rinse with plenty of fresh water for 20 minutes. (remove contact lenses if present).

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS Number	Percentage
2-Butoxyethanol	111-76-2	5-20%

Varied percentages are shown due to batch variations and/or to protect formula confidentiality. This mixture may contain additional non-hazardous ingredients not required in this section, and any available exposure limits will be recorded in section 8.

**SECTION 4: FIRST AID MEASURES**

**Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 20 minutes. Remove contaminated clothing. Call medical doctor or poison control center if irritation persists.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

**Inhalation:** Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Call medical doctor or poison control center.

**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call medical doctor or poison control center immediately.

**SECTION 5: FIREFIGHTING MEASURES**

**Basic Firefighting Procedures:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Unusual Fire and Explosion Hazards:** No specific fire or explosion hazard.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Refer to Section 8: Exposure Control and Personal Protection**

**Emergency Action:** Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

**Spill/Leak Procedure:** Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

**Notification:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**SECTION 7: HANDLING AND STORAGE****Refer to Section 8: Exposure Control and Personal Protection**

**Handling:** Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Empty containers retain product residue and can be hazardous.

**Storage:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

**Component:** 2-Butoxyethanol **CAS:** 111-76-2  
 ACGIH (TWA/TLV): 20 ppm 8 hours  
 NIOSH (TWA): 5 ppm 10 hours  
 OSHA Skin Designation (TWA): 50 ppm 8 hours

**Engineering Controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Eye and Face Protection:** Safety eyewear should be used when there is a likelihood of exposure. Recommended: Chemical splash goggles or face shield.

**Skin Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Rubber apron and/or long sleeves.

**Respiratory Protection:** Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Ensure an MSHA/NIOSH-approved respirator or equivalent is used.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid		
Color	Milky White		
Melting/Freezing Point (°F/°C)	0°C (32°F)		
Boiling/condensation point (°F/°C)	>100°C (>212°F)		
Relative Density	>1		
VOC	07 g/l		
Vapor Density	>1 [Air=1]		
Evaporation Rate	<1 (butyl acetate = 1)		
<b>Note: Easily soluble in cold and hot water.</b>			

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** None.

**Chemical Stability:** The product is stable.

**Stability/Incompatibility:** None.

**Conditions to Avoid:** No data

**Hazardous Reactions/Decomposition Products:** None.

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute Toxicity:**

2-Butoxyethanol: LD50 Dermal (Rat) = >2000 mg/kg  
 LD50 Oral (Rat) = 1300 mg/kg

**Carcinogenicity:**

2-Butoxyethanol: ACGIH A3, IARC 3

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** No known significant effects or critical hazards.

**Aquatic ecotoxicity:**

2-Butoxyethanol:

Acute EC50 >1000 mg/L Fresh water Daphnia - Daphnia magna - <24 hours 48 hours  
 Acute LC50 800000 to 1000000 ug/L Marine water Crustaceans - Crangon crangon 48 hours  
 Acute LC50 1250000 ug/L Marine water Fish - Menidia beryllina - 40 to 100 mm 96 hours  
 Chronic NOEC 1000 mg/L Fresh water Daphnia - Daphnia magna - <24 hours 48 hours

**SECTION 13: DISPOSAL CONSIDERATION**

Do not reuse empty containers. Containers should be recycled or disposed of at an approved waste facility. Unused product and container should be disposed of according to local, state, and federal regulations at an appropriate facility.

**SECTION 14: TRANSPORT INFORMATION**

**DOT Classification:** Not regulated.

**TDG Classification:** Not regulated.

**Mexico Classification:** Not regulated.

**IMDG Classification:** Not regulated.

**IATA-DGR Classification:** Not regulated.

**SECTION 15: REGULATORY INFORMATION****U.S. Federal regulations**

**TSCA 8(a) IUR Exempt/Partial exemption:** Not determined

**United States inventory (TSCA 8b):** All components are listed or exempted.

**SARA 302/304/311/312 extremely hazardous substances:** No products were found.

**SARA 302/304 emergency planning and notification:** No products were found.

**SARA 302/304/311/312 hazardous chemicals:** 2-Butoxyethanol

**SARA 311/312 MSDS distribution - chemical inventory - hazard identification:** 2-Butoxyethanol: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard

**Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs):** Not Listed

**Clean Air Act Section 602 Class I Substances:** Not Listed

**Clean Air Act Section 602 Class II Substances:** Not Listed

**DEA List I Chemicals (Precursor Chemicals):** Not Listed

**DEA List II Chemicals (Essential Chemicals):** Not Listed

**Sara 313:**

Form R – Reporting requirements: 2-Butoxyethanol, 111-762, >1

Supplier Notification: 2-Butoxyethanol, 111-762, >1

**Massachusetts:** The following components are listed: 2-Butoxyethanol

**New Jersey:** The following components are listed: 2-Butoxyethanol

**Pennsylvania:** The following components are listed: 2-Butoxyethanol

**California Prop. 65:** No products were found.

**Canadian NPRI:** The following components are listed: 2-Butoxyethanol

**CEPA Toxic substances:** The following components are listed: 2-Butoxyethanol

**Canada inventory:** All components are listed or exempted.

**Mexico:** Health 3, Flammability 0, Reactivity 0, Special 0

**Australia inventory (AICS):** All components are listed or exempted.

**China inventory (IECSC):** All components are listed or exempted.

**Japan inventory:** All components are listed or exempted.

**Korea inventory:** All components are listed or exempted.

**New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted.

**Philippines inventory (PICCS):** All components are listed or exempted.

**SECTION 16: OTHER INFORMATION**

Notice. The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from failure to adhere to recommended practices, or from any hazards inherent in the nature of the product. This SDS complies with the requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200