

Modern Stone Technologies – MSDS | Select Seal

Section [1] Product Identification

Product name: Modern Stone Technologies Select Seal
Produced by: Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224
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In case of emergency: CHEMTREC International: (703) 527-3887

Section [2] Health Hazard Data

Hazard status: This material is not classified hazardous under OSHA regulations in the United States, the WHMIS Controlled Product Regulation in Canada and the NOM-018-STPS-2000 in Mexico.
Routes Of Entry
Eye contact • Inhalation • Ingestion

Potential acute health effect

Eyes: Irritating to eyes.
Skin: No known significant effects or critical hazards
Inhalation: Irritating to respiratory system. May be harmful by inhalation.
Ingestion: May be harmful if swallowed.
Potential chronic health effects:
Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH
Mutagenic effects: Not available
Teratogenic effects: Not available
Medical conditions aggravated by overexposure: Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged contact with spray or mist may produce chronic eye irritation and severe skin irritation.

Section [3] Composition

Name :	CAS number	Wt. %
Isopropyl alcohol	67-63-0	>1
2-Butoxyethanol	111-76-2	>1

Section [4] Emergency First Aid Procedures

Eye contact: Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention if symptoms occur.
Skin contact: Wash with soap and water. Seek medical attention if symptoms occur.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms occur.
Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.
Notes to physician: No specific antidote. Medical staff must contact Poison Control Center.

Section [5] Fire & Explosion Data

Flammability of the product: Non-flammable
Products of combustion: These products are carbon oxides.
Extinguishing media
Suitable: Use an extinguishing agent suitable for the surrounding fire.
Not suitable: None known
Special exposure hazard: No specific hazard
Special protective equipment for fire-fighter: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section [6] Accidental Release Measure

Personal precautions: Use suitable protective equipment
Environmental precaution and clean-up methods: Wash small spills to sanitary sewer. Large spills-confine spill, soak up with approved absorbent, shovel product into approved container for disposal.

Section [7] Handling & Storage

Handling: Do not breathe vapor or mist. Wash thoroughly after handling.
Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section [8] Exposure Controls & Personal Protection

Product name: Isopropyl	
Exposure limits:	
ACGIH TLV (United States, 1/2005)	STEL: 400ppm 15 minute(s) Form:All forms TWA: 200 ppm 8 hour(s) Form: All forms
NIOSH REL (United States, 12/2001)	STEL: 1225 mg/m3 15 minute(s) Form: All forms STEL: 500 ppm 15 minute(S0 Form: All forms TWA: 980 mg/m3 10 hour(s) Form: All forms TWA: 400 ppm 10 hour(s) Form: All form
OSHA PEL (United States, 8/1997)	TWA: 980 mg/m3 8 hour(s) Form: All forms TWA: 400 ppm 8 hour(s) Form: All forms
Product name: 2-Butoxyethanol	
Exposure limits:	
ACGIH TLV (United States, 1/2005)	TWA: 20 ppm 8 hour(s) Form: All forms
NIOSH REL (United States, 12/2001)	TWA: 24 mg/m3 10 hour(s) Form: All forms TWA: 5 ppm 10 hour(s) Form: All forms
OSHA PEL (United States, 8/1997)	TWA: 240 mg/m3 8 hour(s) Form: All forms TWA: 50 ppm 8 hour(s) Form: All forms

Personal protection
Eyes: Safety glasses
Skin: Lab coat.
Respiratory: A respirator is not needed under normal and intended conditions of use.
Hands: Natural rubber (latex). Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.
HMIS Code/Personal protective equipment: B
Hygiene measure: Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

Section [9] Physical & Chemical Properties

Physical state: Liquid.
pH: Neutral

Boiling/condensation point: **Weighted average:** 100.89°C (213.6°F)
Melting/freezing point: Weighted average: -6.14°C (20.9°F)
Critical temperature: The lowest known value is 367.9°C (694.2°F) (2-Butoxyethanol)
Relative density: Weighted average: 1 (Water = 1)
Vapor pressure: Weighted average: 2.38 kPa (17.85 mm Hg) (at 20°C)
Vapor density: Weighted average: 0.8 (Air = 1)
Evaporation rate: Weighted average: 0.4 compared with Butyl acetate
Solubility: Miscible in water

Section [10] Stability & Reactivity

Stability and reactivity: The product is stable
Incompatibility with various substances: Reactive with oxidizing materials, acids and alkalis.
Hazardous polymerization: Will not occur.
Conditions of reactivity: Not applicable

Section [11] Disposal consideration

Waste disposal: Dispose material in accordance with all local, state, and federal regulations.

Section [12] Transport information

Regulatory information
UN/ IMDG/ IATA DOT/ TDG: Not regulated

Section [13] Regulatory Information

HCS Classification: Irritating material
U.S. Federal regulation:TSCA : All components listed.
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: Isopropyl alcohol; 2-Butoxyethanol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Isopropyl alcohol: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard;
2-Butoxyethanol: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: Sodium hydroxide
Clean Air Act (CAA) 112 accidental release prevention: No products were found.
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.
SARA 13 Form R - Reporting requirement: Isopropyl alcohol, CAS # 67-63-0, Concentration >1, 2-Butoxyethanol, CAS# 111-76-2 , Concentration >1
Supplier notification: Isopropyl alcohol, CAS# 67-63-0, Concentration >1. 2-Butoxyethanol, CAS# 111-76-2 , Concentration >1
State regulations: Pennsylvania RTK: Isopropyl alcohol: (environmental hazard, generic environmental hazard); 2-Butoxyethanol: (environmental hazard, generic environmental hazard);
Sodium hydroxide: (environmental hazard, generic environmental hazard) Massachusetts RTK: Isopropyl alcohol; 2-Butoxyethanol; Sodium hydroxide; Glycine, n,nbis(carboxymethyl)-, trisodium salt New Jersey: Isopropyl alcohol; 2-Butoxyethanol; Sodium hydroxide
California prop. 65: No products were found
WHMIS (Canada): Class D-2B: Material causing other toxic effects (Toxic)
CEPA DSL: All components listed
CEPA NDSL: Glycine, n,n'-1,2-ethanediylbis-, disodium salt
This product has been classified in accordance with the hazard criteria of the Canadian CPR, the United States OSHA and the Mexican NOM -018-STPS-2000. This MSDS contains all the information required by the CPR, OSHA and NOM -018-STPS-2000
Health 1
Flammability 2
Reactivity 0
Special 0

International lists: This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969)

Section [14] Other Information

References: Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005. - Official Mexican Standards NOM-018-STPS-2000 and NOM-004-SCT2-1994

Date of issue: 08/15/2006 Version: 1

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