

# Modern Stone Technologies – MSDS | Rapid Seal

## Section [1] Product Identification

**Product name:** Modern Stone Technologies Rapid Seal  
**Produced by:** Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224  
**Toll free:** 866-868-0810  
**E-mail:** support@modernstonecare.com  
**Fax:** (480) 969-1978  
**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:** Causes burns.

**Skin:** Causes burns

**Inhalation:** May cause respiratory tract irritation

**Ingestion:** Causes burns. May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### 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. May aggravate Asthma or Allergies

## Section [3] Composition

Name :	CAS number	Wt. %
Potassium methylsilanetriolate	31795-24-1	1-5

## 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. Remove contaminated clothing and shoes. 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:** Avoid contact with skin and eyes. 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:** Potassium methylsilanetriolate

### Exposure limits:

ACGIH TLV (United States, 1/2005) Not available

NIOSH REL (United States, 12/2001) Not available

OSHA PEL (United States, 8/1997) Not available

### 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:** 12.5

**Boiling/condensation point: Weighted average:** 100.89°C (212.6°F)

**Melting/freezing point:** Not available

**Critical temperature:** The lowest known value is 367.9°C (694.2°F) (2-Butoxyethanol)

**Relative density:** Weighted average: Not applicable (Water = 1)

**Vapor pressure:** Not applicable

**Vapor density:** Not applicable (Air = 1)

**Evaporation rate:** Not available

**Solubility:** Miscible in water

## Section [10] Stability & Reactivity

**Stability and reactivity:** The product is stable under normal storage conditions.

**Incompatibility with various substances:** Reactive with oxidizing materials, acids.

**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: No products were found

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found

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: No products were found

Supplier notification: No products were found

**State regulations:** Pennsylvania RTK: No products were found

New Jersey: No products were found

**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: No products were found

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 1**

**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

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