

Modern Stone Technologies – MSDS | Color Seal

Section [1] Product Identification

Product name: Modern Stone Technologies Color 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 classified as not hazardous under OSHA regulations in the United States, the WHMIS in Canada and the NOM-018-STPS-2000 in Mexico.

Routes Of Entry

Dermal contact • Eye contact • Inhalation • Ingestion

Potential acute health effect

Eyes: No known significant effects or critical hazards.
Skin: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
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

Section [3] Composition

Name :	CAS number	Wt. %
Propylene glyco	57-55-6	>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: May be combustible at high temperature.
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 are

Section [8] Exposure Controls & Personal Protection

Product name: Propylene glycol
Exposure limits: AIHA WEEL (United States, 1/2005).
TWA: 10 mg/m3 8 hour(s). Form: All forms.
Engineering measures: Use only with adequate ventilation.

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

Section [9] Physical & Chemical Properties

Physical state: Liquid.
Flash point: The lowest known value is Closed cup: 98.85°C (209.9°F). (Tagliabue.). (Propylene glycol)
Auto-ignition temperature: The lowest known value is 371.11°C (700°F) (Propylene glycol).
Flammable limits: The greatest known range is Lower: 2.6% Upper: 12.5% (Propylene glycol)
Odor: Mild
pH: 7.8 to 8 [Basic.]

Boiling/condensation point

Weighted average: 93.3 to 107.2°C (200 to 225°F)
Melting/freezing point: Weighted average: -31.5°C (-24.7°F)
Relative density: Weighted average: 1.3 (Water = 1)
Vapor pressure: The highest known value is 0.02 kPa (0.1 mm Hg) (at 20°C) (Propylene glycol).
Vapor density: >1 (Air = 1)
Evaporation rate: <1 compared with Ether (anhydrous).
VOC: 59 (g/l)

Solubility: Easily soluble in cold water, hot 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: None known

Section [11] Disposal consideration

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

Section [12] Transport information

NAERG : Not applicable

Regulatory information

UN/ IMDG/ IATA DOT/ TDG: Not regulated

Section [14] 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: Propylene glycol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Propylene glycol: Immediate (acute) health hazard, Delayed (chronic) health hazard
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: Vinyl acetate
Clean Air Act (CAA) 112 accidental release prevention: Vinyl acetate
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: Vinyl acetate

State regulations: Pennsylvania RTK: Propylene glycol: (generic environmental hazard); 2-Methylpentane-2, 4-diol: (generic environmental hazard); Vinyl acetate: (environmental hazard, generic environmental hazard)
Massachusetts RTK: 2-Methylpentane-2, 4-diol; Vinyl acetate
New Jersey: 2-Methylpentane-2,4-diol; Vinyl acetate
California prop. 65: No products were found.
Ingredient: Vinyl acetate **Cancer:** Yes **Reproductive:** No

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

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