

Material Safety Data Sheet

Color Sealer



1 . Product and company identification

Common name	: Color Sealer	
Material uses	: Restores/Changes and protects tile grout.	
Supplier/Manufacturer	: Modern Stone Technologies 2225 W. Pecos Rd. Suite 12 Chandler, Az. 85224 Toll free : 866-868-0810 support@moderstonecare.com Fax : (480) 969-1978	
In case of emergency	: CHEMTREC International: (703) 527-3887 866-868-0810	
MSDS authored by:	: Kemika XXI Inc. + 1-450-435-7475	08/15/2006

2 . Hazards identification

Physical state	: Liquid.
Odor	: Mild.
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 effects	
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.

3 . Composition/information on ingredients

United States

Name	CAS number	%
Propylene glycol	57-55-6	>1

Canada

Name	CAS number	%
Propylene glycol	57-55-6	>1

Mexico

Name	UN number	IDLH	Classification				CAS number	%
			H	F	R	Special		
Propylene glycol	Not regulated.	-	0	1	0	57-55-6	>1	

4 . First aid measures

- 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.

5 . Fire-fighting measures

- 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 hazards** : No specific hazard.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : Use suitable protective equipment.
- Environmental precautions 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.

7 . Handling and storage

- Handling** : Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

8 . Exposure controls/personal protection

United States

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 product 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 measures : 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.

9 . Physical and 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 : 93.3 to 107.2°C (200 to 225°F)

Melting/freezing point : Weighted average: -31.5°C (-24.7°F)

Relative density : 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.

10 . Stability and 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.

11 .Disposal considerations

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

12 . Transport information

NAERG : Not applicable.

Regulatory information

UN/ IMDG/IATA DOT/TDG : Not regulated.

13 . Regulatory information

United States

HCS Classification : Not regulated.

U.S. Federal regulations : 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 name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Vinyl acetate	Yes.	No.	No.	No.

Canada

- WHMIS (Canada)** :
- Not controlled under WHMIS (Canada).
 - DSL : All components listed.

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.

Mexico

- Classification** :
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Health 1

Flammability 1

Reactivity 0

Special

HAZARD RATINGS

 - 4- Extreme
 - 3- Serious
 - 2- Moderate
 - 1- Slight
 - 0- Minimal

- 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).

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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Notice to reader

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