



# Material Safety Data Sheet

Material Name: *UltraCare*<sup>™</sup> Penetrating Plus SB Stone & Porcelain Tile Sealer

ID: NW000051

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

Material Name: *UltraCare*<sup>™</sup> Penetrating Plus SB Stone & Porcelain Tile Sealer

### Product Use

Sealer

### Manufacturer Information

USA and Puerto Rico

**MAPEI**

1144 East Newport Center Drive

Deerfield Beach, FL 33442

Phone: 1-954-246-8888

Canada

**MAPEI**

2900 Francis-Hughes Avenue

Laval, QC H7L 3J5

Phone: 1-450-662-1212

IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPLOSION, EXPOSURE OR ACCIDENT, CONTACT THE FOLLOWING NUMBERS:

Emergency 24 hour numbers:

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-613-996-6666

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Clear liquid. Odorless. This product is irritating to the eyes and skin. This product may be harmful or fatal if swallowed. This product is combustible.

### Hazard Statements

WARNING! COMBUSTIBLE. IRRITANT. Irritating to eyes and skin. May be harmful or fatal if swallowed. Vapor harmful. Wear suitable gloves, eye/face protection, and respiratory protection if needed. Keep out of the reach of children.

### Potential Health Effects: Eyes

This product is irritating to the eyes. Symptoms can include irritation, redness, scratching of the cornea, and tearing.

### Potential Health Effects: Skin

This product is irritating to the skin. Symptoms may include irritation, dry skin, and dermatitis.

### Potential Health Effects: Ingestion

Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

### Potential Health Effects: Inhalation

This product may cause irritation to the respiratory system.

### Medical Conditions Aggravated by Exposure

Hypersensitivity to product, allergies, and skin or respiratory disorders

### Potential Environmental Effects

No information available for the product.

**HMIS Ratings: Health: 2 Fire: 2 Reactivity: 1 Pers. Prot.:** Safety glasses, gloves

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

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## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
556-67-2	Octamethylcyclotetrasiloxane	60-100
541-02-6	Decamethylcyclopentasiloxane	15-40
Proprietary	Methoxy substituted silicone resin	1-5

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

### First Aid: Skin

Wash immediately with soap and water. If irritation persists, get medical attention.

### First Aid: Ingestion

Get medical attention or advice. Flush out mouth with water. Do not induce vomiting.

### First Aid: Inhalation

Get medical attention or advice. Immediately remove the affected person to fresh air.

### First Aid: Notes to Physician

Provide general supportive measures and treat symptomatically.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

This product is combustible at high temperatures.

### Hazardous Combustion Products

Irritating and toxic gases or fumes may be released during a fire. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### Extinguishing Media

Dry chemical (preferred), foam, water.

### Unsuitable Extinguishing Media

None identified.

### Specific Hazards Arising From the Chemical

None identified.

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

**NFPA Ratings: Health: 2 Fire: 2 Reactivity: 1**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Personal Precautions

Eliminate ignition sources including sources of electrical, static or frictional sparks. Wear appropriate protective equipment and clothing during clean-up.

### Containment Procedures

Contain the discharged material.

### Environmental Precautions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

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## Clean-Up Procedures

Attempt to reclaim the free product, if this is possible. Thoroughly wash the area with water after a spill or leak clean-up. Wear appropriate protective equipment and clothing during clean-up. Keep out of the reach of children.

## Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

## Special Procedures

Wear appropriate protective equipment and clothing during clean-up.

## \* \* \* Section 7 - Handling and Storage \* \* \*

### Handling Procedures

Keep this product from heat, sparks, or open flame. Do not get this material in your eyes, on your skin, or on your clothing. Do not swallow. Do not breathe fumes or vapors from this material. Use only in well ventilated areas. Keep out of the reach of children.

### Storage Procedures

Do not handle or store near an open flame, heat or other sources of ignition. Store in a cool, dry, well-ventilated area. Keep the container tightly closed. Do not freeze.

## \* \* \* Section 8 - Exposure Controls / Personal Protection \* \* \*

### Exposure Guidelines

#### A: General Product Information

Keep formation of dusts, particulates and fumes to a minimum.

#### B: Component Exposure Limits

ACGIH, OSHA, NIOSH or the provinces of Canada have not developed exposure limits for any of this product's components.

### Engineering Controls

Use general ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear safety glasses.

#### Personal Protective Equipment: Skin

The use of nitrile-latex gloves is recommended.

#### Personal Protective Equipment: Respiratory

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

#### Personal Protective Equipment: General

Launder contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

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## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Clear liquid.	<b>Odor:</b>	Odorless.
<b>Physical State:</b>	Liquid	<b>pH:</b>	NA
<b>Vapor Pressure:</b>	NA	<b>Vapor Density:</b>	NA
<b>Boiling Point:</b>	NA	<b>Melting Point:</b>	NA
<b>Solubility (H2O):</b>	Insoluble	<b>Specific Gravity:</b>	0.96 g/cc
<b>Evaporation Rate:</b>	NA	<b>VOC:</b>	125 g/l
<b>Octanol/H2O Coeff.:</b>	NA	<b>Flash Point:</b>	45°C
<b>Flash Point Method:</b>	CC	<b>Upper Flammability Limit (UFL):</b>	NA
<b>Lower Flammability Limit (LFL):</b>	NA	<b>Burning Rate:</b>	NA
<b>Auto Ignition:</b>	NA		

### Physical Properties: Additional Information

The data provided in this section is to be used for product safety handling purposes. Please refer to Product Data Sheets, Certificates of Conformity or Certificates of Analysis for chemical and physical data for determinations of quality and for formulation purposes.

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under normal conditions.

### Chemical Stability: Conditions to Avoid

Keep away from heat, sparks, or open flame. Eliminate sources of ignition.

### Incompatibility

This product may react with strong acids, bases and oxidizing agents.

### Hazardous Decomposition

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### Possibility of Hazardous Reactions

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD50/LC50

##### Octamethylcyclotetrasiloxane (556-67-2)

Inhalation LC50 Rat >12.7 mg/kg 4 h; Inhalation LC50 Rat >17.6 mg/L 1 h; Oral LD50 Rat 1540 mg/kg; Dermal LD50 Rat >2400 mg/kg; Dermal LD50 Rabbit >4640 mg/kg; Dermal LD50 Rabbit 794 µL/kg

##### Decamethylcyclopentasiloxane (541-02-6)

Oral LD50 Rat >24134 mg/kg; Dermal LD50 Rabbit >16 mL/kg

### Carcinogenicity

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

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## Sensitization

No information available for the product.

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

##### Octamethylcyclotetrasiloxane (556-67-2)

###### Test & Species

###### Conditions

96 Hr LC50 Brachydanio rerio	>500 mg/L
96 Hr LC50 Lepomis macrochirus	>1000 mg/L
24 Hr EC50 Daphnia magna	25.2 mg/L

## \*\*\* Section 13 - Disposal Considerations \*\*\*

### US EPA Waste Number & Descriptions

#### A: General Product Information

No additional information available.

#### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## \*\*\* Section 14 - Transportation Information \*\*\*

### DOT Information

**Shipping Name:** Flammable liquids, n.o.s. ( Octamethylcyclotetrasiloxane, Decamethylcyclopentasiloxane )

**UN/NA #:** UN1993 **Hazard Class:** 3 **Packing Group:** III

### IMDG Information

**Shipping Name:** Flammable liquid, n.o.s. ( Octamethylcyclotetrasiloxane, Decamethylcyclopentasiloxane )

**UN #:** UN1993 **Hazard Class:** 3 **Packing Group:** III

### TDG Information

**Shipping Name:** Flammable liquid, n.o.s. ( Octamethylcyclotetrasiloxane, Decamethylcyclopentasiloxane )

**UN/NA #:** UN1993 **Hazard Class:** 3 **Packing Group:** III

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### A: General Product Information

All of the components of this product are listed on, or are exempted from listing on the U.S. EPA TSCA Inventory of Chemical Substances. All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List unless otherwise noted.

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## B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

## State Regulations

### A: General Product Information

Other state regulations may apply. Check individual state requirements.

### B: Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

## Canadian WHMIS Information

### A: General Product Information



B3, D2B

### B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

## Additional Regulatory Information

### A: General Product Information

Supplier(s) of proprietary component(s) state that these components are contained on the TSCA inventory.

### B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Octamethylcyclotetrasiloxane	556-67-2	Yes	DSL	EINECS
Decamethylcyclopentasiloxane	541-02-6	Yes	DSL	EINECS

## \* \* \* Section 16 - Other Information \* \* \*

### Other Information

**Disclaimer:** Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

### Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; AS = Standards Australia; BLV=Biological Limit Values; CAN = Canadian DSL and NDSL Inventories status; CAS = Chemical Abstracts Service; CC = Closed Cup; CFR = Code of Federal Regulations; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EPA = Environmental Protection Agency; EU = European Union; g/L = grams per Liter; HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; IMO = International Maritime Organization; IATA = International Air Transport Association; MAK = Maximum Concentration Value in the Workplace; mg/kg = milligrams per kilogram; mg/L = milligrams per Liter; mg/m3 = milligrams per Cubic Meter; NA, N/A, S.O. = Not available or Not Applicable; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NIOSH = National Institute for Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NOHSC = National Occupational Health & Safety Commission; NTP = National Toxicology Program; OC = Open Cup; OSHA = Occupational Safety and Health Administration; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; TWA = Time Weighted Average; TWAEV = Time Weighted Average Exposure Value; WHMIS = Workplace Hazardous Materials Information System

**Contact:** Product Safety Representative

**Contact Phone:** 1-954-246-8888

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