



# Safety Data Sheet

Issue Date: 29-Dec-2015

Revision Date: 12-Jan-2016

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** 511 Seal & Enhance

### Other means of identification

**SDS #** MSC-039R1

### Recommended use of the chemical and restrictions on use

**Recommended Use** Ready to Use "One Step" Solvent Base Penetrating/Color Enhancer for All Honed, Textured and Polished Stone & Tile Surfaces Including: Granite, Marble, Natural Stone, Slate, Limestone, Quarry Tile, Grout, Not for Concrete/Masonry.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Miracle Sealants Company  
12318 Lower Azusa Road  
Arcadia, CA 91006

### Emergency Telephone Number

**Company Phone Number** 1-626-443-6433 (Phone)  
1-626-443-1435 (Fax)

**24 Hour Emergency Phone Number** 1-800-350-1901

#### **Emergency Telephone (24 hr)**

For product spills, leaks or exposures call:  
Infotrac 1-800-535-5053 (North America) or 1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear, Colorless to amber  
Liquid

**Physical state** Liquid

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable Liquids	Category 4

### Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

### Signal Word

**Danger**

### Hazard statements

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
Causes damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways

Combustible liquid



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Contaminated work clothing must not be allowed out of the workplace  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Do not eat, drink or smoke when using this product  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking

**Precautionary Statements - Response**

Get medical advice/attention if you feel unwell  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 Take off contaminated clothing and wash before reuse  
 If skin irritation or rash occurs: Get medical advice/attention  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do not induce vomiting  
 IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

Harmful to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
Proprietary	Proprietary	Proprietary

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST AID MEASURES**

**First Aid Measures**

- General Advice** Provide this SDS to medical personnel for treatment.
- Eye Contact** Flush immediately with clean, free-flowing water for 15 minutes. Consult a physician if irritation persists.
- Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.

<b>Inhalation</b>	Remove person to fresh air. If not breathing, administer artificial respiration including oxygen. Provide medical attention.
<b>Ingestion</b>	Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

**Most important symptoms and effects**

<b>Symptoms</b>	May cause eye and skin irritation. Will cause gastrointestinal tract irritation. May cause drowsiness or dizziness. Aspiration may occur during swallowing or vomiting and cause lung damage. The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals in contact with skin.
-----------------	---

**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Medical conditions generally aggravated by exposure- same as signs and symptoms of over exposure.
---------------------------	---

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Foam, water spray or fog. Dry chemical powder, CO<sub>2</sub>, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Product is combustible & may ignite if exposed to high temperature or direct flame.

**Hazardous Combustion Products** Burning can produce the following combustion products: Oxides of carbon, Oxides of nitrogen, Oxides of silicone, and Traces of Hydrogen Fluoride.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Carbon monoxide is highly toxic if inhaled; carbon dioxide is sufficient concentrations can act as a asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear protective clothing as described in Section 8 of this safety data sheet.
-----------------------------	--

**Environmental precautions**

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
----------------------------------	---

**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Steps to be taken in case material is released or spilled: soak up with inert absorbent material. Scoop up and place in a proper waste disposal container. For waste disposal, see section 13 of the SDS.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Keep out of the reach of children. Wash face, hands, and any exposed skin thoroughly after handling. Wear eye/face protection. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32°F or heat above 110°F. Store locked up.

**Incompatible Materials**

Strong oxidizers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

No exposure limits noted for ingredient(s). The following information is given as general guidance

**Appropriate engineering controls**

**Engineering Controls**

Local exhaust: Recommended  
Mechanical exhaust: General ventilation system should be provided.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Tight fitting, splash proof safety goggles.

**Skin and Body Protection**

Protective gloves: Plastic or rubber, chemical resistant  
Protective clothing or equipment: Chemical resistant clothing.

**Respiratory Protection**

Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

**General Hygiene Considerations**

Work hygienic practices: Wash hands thoroughly before handling foodstuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state**  
**Appearance**  
**Color**

Liquid  
Clear, Colorless to amber Liquid  
Clear, Colorless to amber

**Odor**  
**Odor Threshold**

Not determined  
Not determined

**Property**  
**pH**  
**Melting Point/Freezing Point**  
**Boiling Point/Boiling Range**  
**Flash Point**

**Values**  
Not applicable  
Not determined  
> 392 °F / >200 °C  
62.77 °C / 145 °F

**Remarks • Method**

Pensky-Martens Closed Cup (PMCC) (ASTM D-93)

<b>Evaporation Rate</b>	<1	(Water = 1)
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not tested	
<b>Lower Flammability Limit</b>	Not tested	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	Heavier than air	(Air=1)
<b>Relative Density</b>	1.25	(1=Water)
<b>Water Solubility</b>	None	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

**Other Information**

<b>VOC Content (%)</b>	60-70
<b>VOC Content</b>	591 g/L

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

**Conditions to Avoid**

Extreme heat and open flames.

**Incompatible Materials**

Strong oxidizers.

**Hazardous Decomposition Products**

Burning can produce the following combustion products: Oxides of carbon, Oxides of nitrogen, Oxides of silicone, and Traces of Hydrogen Fluoride.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Causes skin irritation. May be harmful in contact with skin. May cause an allergic skin reaction.
<b>Inhalation</b>	May cause irritation if inhaled.

**Ingestion** May be fatal if swallowed and enters airways. May cause irritation of gastrointestinal tract.

**Component Information**

Chemical Name	ATEmix (oral)	ATEmix (dermal)	Inhalation LC50
Proprietary	> 5000 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	> 5.28 mg/L ( Rat ) 4 h
Proprietary	> 24134 mg/kg ( Rat )	> 16 mL/kg ( Rabbit )	-
Proprietary	= 1780 mg/kg ( Rat )	= 4 mL/kg ( Rabbit )	-

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Proprietary	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static	100: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** DOT Ground: Combustible liquids are not regulated in non-bulk shipments per 49 CFR 173.150(f)(2).

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary	X	X	X		X	Present	X	X
Proprietary	X	X	X		X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X
Proprietary	X	X	X	Present	X	Present	X	X

**Legend:**

- TSCA* - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL* - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS* - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS* - Japan Existing and New Chemical Substances
- IECSC* - China Inventory of Existing Chemical Substances
- KECL* - Korean Existing and Evaluated Chemical Substances
- PICCS* - Philippines Inventory of Chemicals and Chemical Substances
- AICS* - Australian Inventory of Chemical Substances

**US Federal Regulations**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary	X		

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	2	0	None
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	2	2	0	Not determined

Issue Date: 29-Dec-2015  
 Revision Date: 12-Jan-2016  
 Revision Note: New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**