

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: StoneDefender SP Grout & Stone Sealer  
Product Code: 7-24-12-1  
Manufacturer: Chemical Product Specialists - 14175 W. Indian School Road B4-512 Goodyear, AZ 85395  
Information Phone: 623-271-8175 Prepared by: Joseph Hook  
Emergency Number: Infotrac – 800-535-5053 Date: 07-17-12

## SECTION 2 – COMPOSITION/ INFORMATION ON INGREDIENTS

<u>No.</u>	<u>Ingredient(s)</u>	<u>CAS Reg. #</u>
1.	2-Propanone	67-64-1
2.	Aromatic Hydrocarbon	64742-95-6
3.	d'Limonene	94266-47-4

See Section 8, Exposure Controls/ Personal Protection

## SECTION 3 – HAZARDS IDENTIFICATION

Primary Route(s) of Exposure: Inhalation: Yes Skin/Eye: Yes Ingestion: No  
Skin and Eye: Prolonged contact with product may cause slight skin irritation. Direct contact with product may result in eye irritation.  
Carcinogenicity: NTP: No. IARC Monographs: No. OSHA Regulated: No.

## SECTION 4 – FIRST AID MEASURES

**Eye Contact:** Flush eyes with water for 15 minutes. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Call a physician.

**Inhalation:** Remove to fresh air and if needed give artificial respiration or oxygen. Call a physician if respiratory irritation develops or if breathing becomes difficult. If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist get medical attention.

**Skin Contact:** Immediately wipe off affected area with a dry towel. Then wash skin with soap and water. Wash contaminated clothing before reuse and discard contaminated shoes. Call a physician if irritation persists.

**Ingestion:** Drink 1-2 glasses of water. Do not induce vomiting. Keep person warm, quiet and get immediate medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which can be fatal.

## SECTION 5 – FIRE FIGHTING METHODS

Flash Point (Method)	>110° F (Closed Cup)
Auto-ignition Temperature	270 deg C (DIN 51794)
Lower Explosive Limit	.7%
Upper Explosive Limit	6.1%

Unusual Hazards: Combustible liquid. Keep away from heat, sparks, and open flame. Guard against spontaneous combustion or improperly discarded rags.

Extinguishing Media: Foam, CO2, Dry Chemical, Water fog.

Personal Protection Equipment: Wear special chemical protective clothing and positive self-contained breathing apparatus.

Hazardous Decomposition Materials: Smoke may be acrid and the fumes may be irritating. Burning generates CO, CO<sub>2</sub> and smoke.

Fire and Explosion Hazards: Decomposition and combustion products may be hazardous.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA.

## SECTION 7 – HANDLING AND STORAGE

Handling Procedures

(Personnel): Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Wash clothing after use. Discard shoes if contaminated. Do not breathe vapors, mist or dust. Store in dry area in closed containers.

## SECTION 8 – EXPOSURE CONTROLS/ PERSONEL PROTECTION

Exposure Limit Information

No.	CAS REG. No.	(%) Weight	OSHA PEL	OSHA TWA	OSHA STEL	ACGIH TLV	ACGIH TWA
1.	67-64-1	<25	750ppm	750ppm	NE	1000ppm	750ppm
2.	64742-95-6	<10	NE	100ppm	NE	NE	50ppm
3.	94266-47-4	<60	NE	NE	NE	NE	NE

Respiratory Protection: Organic chemical cartridge respirator, if necessary.

Eye Protection: Wear safety glasses. Wear full-face chemical splash goggles where the possibility of contact due to splashing exists.

Skin Protection: Wear impervious gloves, apron, boots or whole body suit made from butyl rubber or other impervious material as needed to reduce contact with skin.

Engineering Controls: Use sufficient mechanical ventilation and local exhaust.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Physical State	Clear to yellowish thin liquid.
Odor	Mild Solvent
Viscosity	50 – 200 cps
Specific Gravity (water = 1)	0.858
Vapor Density (air=1)	> 1
Vapor Pressure (mm Hg)	<2mmHg @ 68F
Flash Point (CCCFP)	>110° F
Solubility in Water	Slightly Soluble
Percent Volatile	99%
Evaporation Rate (N-butyl Acetate =1)	< 1

## SECTION 10 –STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Elevated temperatures. Maintain storage temperature of 0 to 100 ° F

Incompatibility (Material to Avoid): Strong oxidizing agents and acidic agents including acidic clays, peroxides, halogens, vinyl chloride and iodine penta-fluoride.

Hazardous Decomposition of Byproducts: Produces normal products of combustion.

Hazardous Polymerization: Will Not Occur.

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

Acute Oral Effects (LD50): >5g/kg, rabbit  
Acute Dermal Toxicity (LD50): >5 g/kg, rabbit  
Sensitization: Slight

## **SECTION 12 – ECOLOGICAL INFORMATION**

Environmental Data: May be toxic to aquatic organisms.

## **SECTION 13 – DISPOSAL CONDITIONS**

Waste Disposal  
Treatment, storage, transportation and disposal must be in accordance with applicable local, state and federal regulations.

## **SECTION 14 – TRANSPORTATION INFORMATION**

Proper Shipping Name: COMBUSTIBLE SOLVENT, N.O.S.  
Class: 3  
UN Number: UN2319  
Dot/IMO Label: Hazardous  
Packing Group: III

Air Shipments: Per requirements for Flammable Liquids

## **SECTION 15 – REGULATORY INFORMATION**

U S Federal Regulations  
TSCA Inventory Status: Reported/Included

**SARA title III: Section 313 – Toxic Chemical(s):** This product does not contain a toxic chemical for routine annual “Toxic Chemical Release Reporting” under Sec. 313 (40 CFR 372)

**RCRA:** Not a hazardous waste under RCRA (40 CFR 261)

**CERCLA:** Not Listed.

## **SECTION 16 – OTHER INFORMATION**

HMIS RATINGS: Health – 1  
Fire – 2  
Reactivity – 0  
Other – N/A

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