

# SAFETY DATA SHEET

Confirms to OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012



Product: Stoneguard-HD ® Sealer- 5028, 5028A

Revision Date: 22-May-2014

## SECTION 1 – IDENTIFICATION

### Product Identifier

Product Name: Stoneguard-HD ® Sealer

Product Code: 5028, 5028A

### Recommended Use of the Chemical and Restrictions for Use

Recommended Use: Sealant

Restrictions for Use: Use only as directed.

### Details of the Supplier

Manufacturer: Stone Care International  
755 Tri-State Parkway  
Gurnee, IL 60031  
800-839-1654

### Emergency Phone Number

24-Hour Number: 1-800-535-5053

International: 1-352-323-3500

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification

Hazard Class	Category
Flammable liquid	3

### Label Elements

Hazard Symbols(s):



Signal Word(s): Warning

Hazard Statement(s): Flammable liquid and vapor

**Precautionary Statement(s):** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measure against static discharge. Wear protective gloves/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Store in a well-ventilated place. Keep cool. Dispose of contents and container in accordance with all local, regional, national and international regulations.

### Other Hazards

3% of the mixture consists of ingredient(s) of unknown acute toxicity.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Wt %
2-Butoxyethanol	111-76-2	1-5
Isopropyl alcohol	67-63-0	1-5
Mixed perfluoroalkylethyl phosphate salts	Proprietary	1-5

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## SECTION 4 – FIRST AID MEASURES

### First Aid Measures

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

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**Eye Contact:** In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

**Ingestion:** If swallowed do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

**Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

## **Most Important Symptoms and Effects (Acute and Delayed)**

**Inhalation:** May cause respiratory tract irritation.

**Eye Contact:** May cause eye irritation. Symptoms may include discomfort of pain, excess blinking and tear production, with possible redness and swelling.

**Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Skin:** May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

## **Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physician:** Treat symptomatically.

## **SECTION 5 – FIRE FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable:** Treat for surrounding material.

**Unsuitable:** None known.

### **Specific Hazards Arising from Chemical**

Flammable liquid and vapor. Products of combustion include but are not limited to: oxides of carbon.

### **Protective Equipment and Precautions for Firefighters**

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

**Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

**Environmental Precautions:** See Section 12 for ecological information.

### **Methods and Material for Containment and Cleaning Up**

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container. Provide ventilation.

## **SECTION 7 – HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Handling:** Keep away from sources of ignition. No smoking. Take precautionary measure against static discharge. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapor/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only non-sparking tools.

**General Hygiene Advice:** Launder contaminated clothing before use. Wash hands before eating, drinking, or smoking.

### **Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions:** Proper grounding procedures to avoid static electricity should be followed. Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Keep cool.

**Incompatible Materials:** Oxidizers

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

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## Exposure Guidelines:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol (11-76-2)	20 ppm	240 mg/m <sup>3</sup>	Not available
Isopropyl alcohol (67-63-0)	200 ppm	980 mg/m <sup>3</sup>	Not available
Mixed perfluoroalkylethyl phosphate salts	Not available	Not available	Not available

## Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

## Individual Protection Measures

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Skin and Body Protection:** Wear suitable protective clothing.

**Eye/Face Protection:** Safety glasses or goggles are recommended when using product.

**General Work/Hygienic Practices:** Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid

**Odor:** Solvent

**Odor threshold:** Not determined

**pH:** 8.2

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** Not determined

**Flash point:** 58.9°C (138°F) TCC

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Flammable

**Upper/lower flammability or explosive limits:** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density:** 1.01

**Solubility(ies):** Not determined

**Partition coefficient (n-octanol/water):** Not determined

**Auto-ignition temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

## SECTION 10 – STABILITY AND REACTIVITY

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical stability:** Stable under recommended storage conditions. May form flammable/explosive vapor-air mixture.

**Possibility of hazardous reactions:** None under normal use.

**Conditions to avoid:** Heat. Incompatible materials. Sources of ignition.

**Incompatible materials:** Oxidizers

**Hazardous decomposition products:** May include and are not limited to: oxides of carbon.

## SECTION 11 - TOXICOLOGICAL INFORMATION

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## Information on Toxicological Effects

**Likely Routes of Exposure:** Inhalation, skin contact, eye contact, ingestion

## Information Related to Physical, Chemical, and Toxicological Effects

See section 4 of this SDS.

## Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity:** NTP: No IARC: No OSHA: No

## Numerical Measures of Toxicity

Product	
ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	>20 mg/l/4h, rat

## **Component Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol (11-76-2)	470 mg/kg (rat)	Not available	450 ppm/4h (rat)
Isopropyl alcohol (67-63-0)	4396 mg/kg (rat)	12800 mg/kg (rat) 12870 mg/kg (rabbit)	72.6 mg/l/4h (rat)
Mixed perfluoroalkylethyl phosphate salts	Not available	Not available	Not available

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Not established

**Persistence and degradability:** Not established

**Bioaccumulative potential:** Not established

**Mobility in soil:** No additional information available

**Other adverse effects:** No additional information available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Note:** Classification changes based on quantity, packaging, and method of shipment. See current shipping paper for most up to date shipping information.

UN1993, Flammable liquids, n.o.s. (2-Butoxyethanol, Isopropyl alcohol), 3, PG III

**DOT (Ground):** Regulated

**IATA (Air):** Regulated

**IMDG (Vessel):** Regulated

## SECTION 15 – REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

## SECTION 16 – OTHER INFORMATION

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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 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 designed 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**