

1. Identification

Product Identifier	Stone Guard SB	
Other means of identification	CU-2450	
Product code		
Recommended use	Solvent based sealer for stone and grout.	
Recommended restrictions	Professional use only. Use as directed	
Manufacturer information		
Company name	Chemical Universe, Inc.	
Address	1133 Saline St. North Kansas City, MO 64116	
Telephone	(816) 471-3602	
FAX	(816) 474-3302	
Emergency phone number	PERS	(800) 633-8253
	24-hour Emergency	(800) 633-8253

2. Hazard(s) Identification

Physical hazards	Flammable Liquids	Category 3
Health hazards	Eye irritation	Category 2A
	Aspiration Hazard	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	None.	
Label elements		



Signal word	DANGER
Hazard statement	Flammable liquid and vapor. Causes serious eye irritation. May be fatal if swallowed and enters airways.
Precautionary statement	
Prevention	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 measures against static discharge. Wear protective gloves/ eye protection/ face protection. Wash hands and exposed skin thoroughly after handling.
Response	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. 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 SWALLOWED: Immediately call a POISON CENTER/doctor/medical professional. Do NOT induce vomiting.
Storage	Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None.



SAFETY DATA SHEET

Supplemental information None

3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
Hydrotreated heavy naphtha	64742-48-9	89-95
Telomer B monoether with polyethylene glycol	65545-80-4	6-8
Other components below reportable levels		1-5

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Only induce vomiting at the instruction of medical personnel.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to the hospital. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Carbon dioxide (CO ₂). Dry chemical powder, sand, or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source or ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Ensure adequate ventilation. Remove all sources of ignition. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
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SAFETY DATA SHEET

Methods and materials for containment and cleaning up

Eliminate all ignition sources. Use only non-sparking tools. Take precautionary measures against static discharge. Keep combustibles away from spilled material.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Absorb with earth, sand, or other non-combustible material and transfer to container for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the open environment. Avoid discharge into surface drainage paths and other areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Do not smoke. Use explosion proof equipment and non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Ground/bond container and equipment. Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

Synthetic Isoparaffinic Hydrocarbon	OSHA ACGIH	PEL TWA	500 ppm (2,900 mg/m ³) 350 ppm (1,800 mg/m ³)
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Biological limit values

No information.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection

Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear appropriate chemical resistant gloves. Nitrile and polyvinylchloride polymers are suitable barrier materials.

Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.



SAFETY DATA SHEET

9. Physical and chemical properties

Appearance	
Physical State	Liquid.
Color	Colorless.
Odor	Characteristic petroleum
Odor threshold	Not available.
pH	Not available.
Melting/freezing point	Not available.
Initial boiling point and boiling range	300-410°F (148.9-210°C) estimated.
Flash point	120°F (37.8°C) estimated.
Evaporation rate	Not available.
Flammability	Not available.
Flammability Limits	
Upper	6% estimated.
Lower	0.7% estimated.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity (water=1)	0.85
Solubility in water	Insoluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	540°F (282.2°C) estimated.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions. Store in a cool dark place.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Oxidizing agents, acids.
Hazardous decomposition products	Carbon dioxide, carbon monoxide.

11. Toxicological information

Information on likely routes of exposure	
Ingestion	Expected to be low ingestion hazard.
Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause mild skin irritation.
Eye contact	Causes serious eye irritation. Wear eye/face protection.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash.
Acute toxicity	Not established.



SAFETY DATA SHEET

Product Stone Guard SB (CAS mixture)		
Exposure Classification	Route and Species	LD50 /LC50
Acute	Oral, rat	>3,100 mg/kg (estimated)
*Estimates for product may be based on additional component data not shown		

Skin corrosion/irritation	Not classified.
Serious eye damage/ irritation	Causes serious eye irritation.
Respiratory sensitization	Not available.
Skin sensitization	Not available.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not expected to be a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Not classified.
Aspiration hazard	May be harmful or fatal if product enters airways.

12. Ecological information

Ecotoxicity		
Product Stone Guard SB (CAS mixture)		
Aquatic Receptor	Species	Test Thresholds
Crustacea	Daphnia magna (water flea)	EC ₅₀ (48-hr): 206 mg/L (estimated)
Fish	Fathead minnow	LC ₅₀ (96-hr): 90 mg/L (estimated)
*Estimates for product may be based on additional component data not shown		

Persistence and degradability	No data available. Chemicals of this class are not expected to exhibit persistence in the environment due to volatility and readiness to accept oxidation in an aerobic environment.
Bio-accumulative potential	Potential to bioaccumulation is expected to be moderate due to lipophilic nature of organic solvent constituents
Mobility in soil	No data available. Chemicals of these classes are expected to exhibit moderate to high mobility in saturated and semi-saturated soils. Low density of the product constituents is expected to result in LDNAPL phase separation of product above the static water table
Other adverse effects	Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations. As packaged, this product is expected to meet criteria defining RCRA ignitable (D001) hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Suggested federal code is D001 (ignitable waste)

- Waste from residues/unused product** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).
- Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

USDOT

UN number	UN1268
UN proper shipping name	Petroleum Distillates Mixture, n.o.s (Naptha)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packaging group	III
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.
Marine pollutant	No
Special precautions for user	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This product is not intended to be transported in bulk.
DOT Label/Placard	



15. Regulatory information

US Federal regulations

SARA 302 Extremely hazardous substance	Not listed.
SARA 304 Emergency release notification	Not listed.
SARA 311/312 Hazard Categories	
Immediate Hazard - Yes	
Delayed Hazard – YES	
Fire Hazard – Yes	
Pressure Hazard – No	
Reactivity Hazard – No	
SARA 313 (TRI reporting)	Not listed.

California Proposition 65



WARNING: This product can expose you to chemicals Napthalene and Ethylene Glycol Monoethyl Ether, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other information, including date of preparation or last revision

Issue date 12/2/2014
 Revision date 8/2/2019
 Version # 2
 HMIS® ratings Health: 1
 Flammability: 2
 Physical hazard: 0



NFPA ratings Health: 1
 Flammability: 2
 Instability: 0



Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.

Revision information 8/2/2019 Change DOT description to less generic descriptor (FL, n.o.s to Petroleum Distillate, n.o.s). Fluorosurfactant not a significant factor in chemical classification Add Flame pictogram for CaT 3 FLAMMABLE classification. Added OSHA/ACGIH exposure limit information for paraffinic naptha. General format update; Refine composition table, amend physical data; Update toxicology thresholds and environmental fate information; Text clarification amendments Sections 5,6,8,9 and 12. PPE recommendation updated; California Proposition 65 notice; HMIS and NFPA pictograms added. Included as SARA 311/312 chronic hazard