

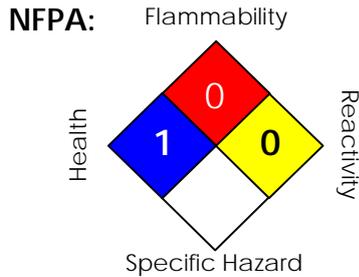
# Material Safety Data Sheet

## STONEGUARD SKS BLACK, WINTERPROOF

Version 1.2

Revision Date 10/25/2007

Print Date 12/18/2009


**HMIS III:**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL</b>	<b>0</b>

0 = Insignificant, 1 = Slight,  
2 = Moderate, 3 = High, 4 = Extreme

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : STONEGUARD SKS BLACK, WINTERPROOF  
 Product Number : 08900301, 0890030001,  
 MSDS Number : 888100004044

Product Use Description : Preservatives

Company : WURTH USA Inc.  
 93 Grant Street  
 Ramsey, NJ 07446 US

Telephone : 1-800-987-8487 8:00am to 8:00pm EST  
 Telefax : 1-201-818-4788  
 Emergency telephone : 1-800-255-3924

**SECTION 2. HAZARDS IDENTIFICATION**
**Emergency Overview**

**Regulatory status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Signal Word** : CAUTION  
 Form : liquid  
 Odour : not applicable  
 Odour - Control parameters : no data available  
 Hazard Summary : Irritant

**Potential Health Effects**



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Eyes : May cause eye irritation.

Skin : May cause skin irritation.

Target Organs : Skin  
Eyes**Carcinogenicity:**

ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC : Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (CAS-No.: 14807-96-6)

OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CA Prop 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No.	Weight %-Weight %
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	>= 25 - < 35
ethanediol; ethylene glycol	107-21-1	>= 5 - < 7
Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	25265-77-4	>= 2 - < 3
2,2'-oxybisethanol diethylene glycol	111-46-6	>= 0.1 - < 0.2



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**SECTION 4. FIRST AID MEASURES**

- General advice : When symptoms persist or in all cases of doubt seek medical advice. Take off all contaminated clothing immediately.
- Inhalation : Remove to fresh air. Keep patient warm and at rest. If symptoms persist, call a physician.
- Skin contact : Wash off with warm water and soap.
- Eye contact : Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

**SECTION 5. FIRE-FIGHTING MEASURES**

- Form : liquid
- Flash point : Note: not applicable
- Suitable extinguishing media : Water mist  
Foam
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Specific hazards during fire fighting : Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Do not use a solid water stream as it may scatter and spread fire.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.
- Further information : Standard procedure for chemical fires.  
Exposure to decomposition products may be a hazard to health.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.



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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Ventilate the area.  
Wear personal protective equipment.  
Avoid contact with skin and eyes.
  
- Environmental precautions : Should not be released into the environment.  
Avoid subsoil penetration.  
If the product contaminates rivers and lakes or drains inform respective authorities.
  
- Methods for cleaning up : Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.  
Flush away traces with water.
  
- CERCLA Hazardous substances and corresponding RQs : 107-21-1      5,000 lbs *final RQ*

**SECTION 7. HANDLING AND STORAGE**

**Handling**

- Handling : Avoid contact with skin and eyes.  
Do not breathe vapours or spray mist.  
Use only in well-ventilated areas.
  
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Dust explosion class : not applicable

**Storage**

- Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.  
Store in original container.
  
- Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.  
Keep away from food, drink and animal feedingstuffs.
  
- Storage temperature : 5 - 40 °C (41 - 104 °F)



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Other data : No decomposition if stored and applied as directed.  
Protect from frost, heat and sunlight.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Guidelines

Components	CAS-No.	List	Type:	Value	Update
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	ACGIH	TWA	2 mg/m <sup>3</sup>	2007
		ACGIH NIC	TWA	1 mg/m <sup>3</sup>	2007
		NIOSH	REL	2 mg/m <sup>3</sup>	2005
		OSHA Z1A	TWA	2 mg/m <sup>3</sup>	1989
		Z3	TWA	20 millions of particles per cubic foot of air	2000
		Z3	TWA	2.4 millions of particles per cubic foot of air	2000
		Z3	TWA	0.1 mg/m <sup>3</sup>	2000
		Z3	TWA	0.3 mg/m <sup>3</sup>	2000
ethanediol; ethylene glycol	107-21-1	US CA OEL	TWA PEL	2 mg/m <sup>3</sup>	07 2001
		ACGIH	Ceiling	100 mg/m <sup>3</sup>	2007
		OSHA Z1A	Ceiling	50 ppm 125 mg/m <sup>3</sup>	1989
		US CA OEL	Ceiling	40 ppm 100 mg/m <sup>3</sup>	07 2001
2,2'-oxybisethanol diethylene glycol	111-46-6	WEEL	TWA	10 mg/m <sup>3</sup>	2006

Engineering measures : Provide adequate ventilation.

Eye protection : Safety glasses  
Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Skin and body protection : impervious clothing  
Safety shoes



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- Respiratory protection : No personal respiratory protective equipment normally required.  
In the case of vapour formation use a respirator with an approved filter.
- Hygiene measures : When using do not eat, drink or smoke.  
Avoid contact with skin, eyes and clothing.  
Wash hands before breaks and at the end of workday.  
Wash contaminated clothing before re-use.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Form : liquid
- Flash point : Note: not applicable
- Thermal decomposition : Hazardous decomposition products formed under fire conditions.
- pH : 8
- Density : 1.20 - 1.25 g/cm<sup>3</sup>
- Viscosity, dynamic : 12,000 - 14,000 mPa.s  
at 25 °C (77 °F)
- Volatile organic compounds (VOC) content : 0 %

**SECTION 10. STABILITY AND REACTIVITY**

- Materials to avoid : Strong acids and strong bases  
Oxidizing agents
- Hazardous decomposition products : Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.  
Other hazardous decomposition products may be formed.
- Thermal decomposition : Hazardous decomposition products formed under fire conditions.
- Hazardous reactions : Note: Stable under recommended storage conditions.



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**SECTION 11. TOXICOLOGICAL INFORMATION**

- Skin irritation : May irritate skin.
- Eye irritation : May irritate eyes.
- Sensitisation : May cause sensitization by inhalation and skin contact.
- Carcinogenicity : No data is available on the product itself.
- Toxicity to reproduction : No data is available on the product itself.
- Teratogenicity : No data is available on the product itself.

**Component:**

- Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) 14807-96-6 Skin irritation: Classification: Irritating to skin.  
Result: Mild skin irritation
- ethanediol; ethylene glycol 107-21-1 Acute oral toxicity: LD50 rat  
Dose: 4,700 mg/kg
- Skin irritation: Classification: Irritating to skin.  
Result: Mild skin irritation
- Eye irritation: Classification: Irritating to eyes.  
Result: Mild eye irritation
- Isobutyric acid, monoester with 25265-77-4 Acute oral toxicity: LD50 rat  
Dose: > 3,200 mg/kg
- Acute dermal toxicity: LD50 rat  
Dose: > 15,200 mg/kg
- Acute inhalation toxicity: LC50 rat  
Dose: > 3.55 mg/l  
Exposure time: 6 h
- Skin irritation: Classification: Irritating to skin.  
Result: Mild skin irritation
- Eye irritation: Classification: Irritating to eyes.  
Result: Mild eye irritation
- 2,2'-oxybisethanol diethylene glycol 111-46-6 Acute oral toxicity: LD50 rat  
Dose: 12,565 mg/kg
- Acute dermal toxicity: LD50 rabbit  
Dose: 11,890 mg/kg



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**SECTION 12. ECOLOGICAL INFORMATION**

Adsorbed organic bound halogens (AOX) : not included  
Volatile organic compounds (VOC) content : 0 %  
Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

**Component:**

ethanediol; ethylene glycol	107-21-1	<u>Toxicity to fish:</u> LC50 Species: Oncorhynchus mykiss (rainbow trout) Dose: > 18,500 mg/l Exposure time: 96 h  <u>Acute and prolonged toxicity for aquatic invertebrates:</u> EC50 Species: Daphnia magna (Water flea) Dose: 74,000 mg/l Exposure time: 24 h  <u>Toxicity to bacteria:</u> EC50 Species: Pseudomonas putida Dose: > 10,000 mg/l Exposure time: 16 h
2,2'-oxybisethanol diethylene glycol	111-46-6	<u>Acute and prolonged toxicity for aquatic invertebrates:</u> EC50 Species: Daphnia magna (Water flea) Dose: > 10,000 mg/l Exposure time: 24 h  <u>Toxicity to bacteria:</u> EC0 Species: Pseudomonas putida Dose: 8,000 mg/l Exposure time: 16 h

**SECTION 13. DISPOSAL CONSIDERATIONS**

Adequate disposal : In accordance with local and national regulations.



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**SECTION 14. TRANSPORT INFORMATION**

**DOT 49 CFR**

Not dangerous goods

**TDGR**

Not dangerous goods

**ICAO / IATA-DGR**

Not dangerous goods

**IMDG-Code**

Not dangerous goods

**SECTION 15. REGULATORY INFORMATION**

**OSHA Hazards** : Moderate skin irritant  
Moderate eye irritant

**TSCA Status** : On TSCA Inventory

**DSL Status** : All components of this product are on the Canadian DSL list.

**SARA 311/312 Hazards** : Acute Health Hazard

**CERCLA Reportable Quantity** : 98,039 lbs

**SARA III** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

<u>Components</u>	<u>CAS-No.</u>
ethanediol; ethylene glycol	107-21-1

**SARA III** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR355, Appendix A)

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.



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**PENN RTK**

US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<u>Components</u>	<u>CAS-No.</u>
2-Propenoic acid, 2-methyl-, polymer with ethenylbenzene, ethyl 2-propenoate, methyl 2-methyl-2-propenoate and 2-propenamide	71394-03-1
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6
ethanediol; ethylene glycol	107-21-1
Water	7732-18-5

**MASS RTK**

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	<u>CAS-No.</u>
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6
ethanediol; ethylene glycol	107-21-1

**NJ RTK**

US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
2-Propenoic acid, 2-methyl-, polymer with ethenylbenzene, ethyl 2-propenoate, methyl 2-methyl-2-propenoate and 2-propenamide	71394-03-1
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6
ethanediol; ethylene glycol	107-21-1
Water	7732-18-5
Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	25265-77-4

**California Prop. 65**

: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**SECTION 16. OTHER INFORMATION****Further information**

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



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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.

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