

# SAFETY DATA SHEET



**PROSOCO**  
Revision Number 1.03

Issuing Date 21-Nov-2014

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Sure Klean® Weather Seal H40 Water Repellent

### Other means of identification

**Product Code(s)** 40080

**UN number** UN1866

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

**Recommended use** Restricted to professional users.

**Uses advised against** No information available

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

#### **Manufacturer Address**

PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, Kansas 66046

#### **Emergency telephone number**

**8:00 AM – 5:00 PM CST Monday-Friday** 785-865-4200  
**NON-BUSINESS HOURS (INFOTRAC)** 800-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification

Serious eye damage/eye irritation	Category 2
Aspiration hazard	Category 1
Flammable liquids	Category 3

### Label elements

#### Emergency Overview

#### Warning

#### Hazard statements

Causes serious eye irritation  
May be fatal if swallowed and enters airways  
Flammable liquid and vapor



**Appearance** clear

**Physical state** Liquid

**Odor** Mild Petroleum

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

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/ and /lighting equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection

#### Precautionary Statements - Response

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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting  
 In case of fire: Use CO<sub>2</sub>, 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

#### Hazards not otherwise classified (HNOC)

##### Other information

- May be harmful in contact with skin
  - Causes mild skin irritation
- 29% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%	Trade Secret
Heavy Alkylate Naphtha (petroleum)	64741-65-7	30 - 60	*
Ethyl Silicate	78-10-4	5 - 10	*
Isobutyl triethoxysilane	17980-47-1	1 - 5	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of first aid measures

<b>General advice</b>	In case of accident or unwellness, seek medical advice (show directions for use or safety data sheet if possible).
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with plenty of water. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

**Self-protection of the first aider** Remove all sources of ignition. Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** May be fatal if swallowed and enters airways. Causes serious eye irritation. May be harmful in contact with skin.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray (fog). Alcohol resistant foam.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire. Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Pay attention to flashback. Take precautionary measures against static discharges. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional ecological information.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Use with local exhaust ventilation. Avoid breathing vapors or mists. Use personal protective equipment as required.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from

heat. Keep in properly labeled containers. Keep out of the reach of children.

**Incompatible materials** Incompatible with oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Silicate 78-10-4	TWA: 10 ppm	TWA: 100 ppm TWA: 850 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 85 mg/m <sup>3</sup>	IDLH: 700 ppm TWA: 10 ppm TWA: 85 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems. Ground/bond container and receiving equipment.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Regular cleaning of equipment, work area and clothing is recommended. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Mild Petroleum
<b>Appearance</b>	clear	<b>Odor threshold</b>	No information available
<b>Color</b>	Slight yellow		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	Not Applicable		
Melting point / freezing point °F	-30 °C / -22 °F		
Boiling point / boiling range	No information available		
Flash point	37.2 °C / 99 °F	ASTM D 3278	
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific gravity	0.882		
Water solubility	negligible		

<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

Incompatible with oxidizing agents.

### Hazardous decomposition products

Carbon oxides. Hazardous combustion products. Unidentified organic compounds. silicon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	No data available
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye contact</b>	Severely irritating to eyes.
<b>Skin Contact</b>	May be harmful in contact with skin.
<b>Ingestion</b>	Do not taste or swallow. May be fatal if swallowed.

### Component Information

Chemical name	LD50/Oral	LD50/Dermal	Inhalation LC50
Heavy Alkylate Naphtha (petroleum) 64741-65-7	> 7000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.04 mg/L ( Rat ) 4 h
Ethyl Silicate 78-10-4	= 6270 mg/kg ( Rat )	= 5878 mg/kg ( Rabbit )	< 1837 ppm ( Rat ) 4 h
Isobutyl triethoxysilane 17980-47-1	> 5000 mg/kg ( Rat )		> 13750 mg/m <sup>3</sup> ( Rat ) 4 h

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** May be fatal if swallowed and enters airways. Causes eye irritation.

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

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

	IARC or NTP.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

<b>Unknown acute toxicity</b>	29% of the mixture consists of ingredient(s) of unknown toxicity
<b>The following values are calculated based on chapter 3.1 of the GHS document .</b>	
<b>ATEmix (oral)</b>	5252 mg/kg
<b>ATEmix (dermal)</b>	3479 mg/kg mg/l
<b>ATEmix (inhalation-dust/mist)</b>	10.1 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Heavy Alkylate Naphtha (petroleum) 64741-65-7	30000: 72 h Pseudokirchneriella subcapitata mg/L EC50	-	-	2: 48 h Mysidopsis bahia mg/L LC50
Ethyl Silicate 78-10-4	-	245: 96 h Danio rerio mg/L LC50 semi-static	-	-
Isobutyl triethoxysilane 17980-47-1	-	85: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	-	-

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse container.
<b>US EPA Waste Number</b>	D001

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Non-Hazardous/Non-Regulated (Under 119 Gallons per container)
<b>UN number</b>	UN1866
<b>UN proper shipping name</b>	Resin Solution
<b>Transport hazard class(es)</b>	3
<b>Subsidiary class</b>	III
<b>Packing group</b>	III

**IATA**

**UN number** UN1866  
**UN proper shipping name** Resin Solution  
**Transport hazard class(es)** 3  
**Subsidiary hazard class** III  
**Packing group** III

**IMDG**

**UN number** UN1866  
**UN proper shipping name** Resin Solution  
**Transport hazard class(es)** 3  
**Subsidiary hazard class** III  
**Packing group** III

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations****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

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**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)

**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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**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
Ethyl Silicate	X	X	X

78-10-4			
Ethanol 64-17-5	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 3	Flammability 2	Instability 0	Physical and chemical properties -
<b>HMIS</b>	Health hazards 3*	Flammability 2	Physical hazards 0	Personal protection X

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Revision Note  
 SDS sections updated 9 14

**Disclaimer**

The information contained on the Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**End of Safety Data Sheet**