

SAFETY DATA SHEET

PROSOCO, Inc.



Issue Date 21-Nov-2014

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Version 1

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 40080

UN/ID No 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 toxicity | 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/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 CO₂, 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
- 28.40035% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% | Trade Secret |
|---|------------|----------|--------------|
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | 30 - 60 | * |
| Ethyl Silicate | 78-10-4 | 7 - 13 | * |
| Isobutyl triethoxysilane | 17980-47-1 | 1 - 5 | * |

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

4. FIRST AID MEASURES

First aid measures

| | |
|---|---|
| General advice | In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). |
| Eye contact | 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. |
| Skin Contact | Wash off immediately with plenty of water while removing contaminated clothing and shoes. If skin irritation persists, call a physician. |
| Inhalation | 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. |
| Ingestion | Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician. |
| 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. Harmful if inhaled. 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 (CO₂). 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. Pay attention to flashback. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. 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. Ground and bond containers when transferring material. |

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. All equipment used when handling the product must be grounded. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. |
|--------------------------------|---|

Conditions for safe storage, including any incompatibilities

| | |
|-------------------------------|--|
| Storage Conditions | Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat. |
| Incompatible materials | Incompatible with oxidizing agents. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|------------------|--|---|
| Naphtha (petroleum), hydrotreated heavy 64742-48-9 | 100 ppm | 500 ppm | - |
| Ethyl Silicate 78-10-4 | TWA: 10 ppm | TWA: 100 ppm TWA: 850 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 85 mg/m ³ | IDLH: 700 ppm TWA: 10 ppm TWA: 85 mg/m ³ |

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

| | | | |
|------------------------------|--------------------------|-------------------------|--------------------------|
| Physical state | Liquid | Odor | Mild Petroleum |
| Appearance | clear | Odor threshold | No information available |
| Color | Slight yellow | | |
| Property | Values | Remarks • Method | |
| pH | Not Applicable | | |
| Melting point/freezing point | -30 °C / -22 °F | | |
| Boiling point/boiling range | No information available | | |
| Flash point | 42 °C / 108 °F | ASTM D 3278 | |
| Evaporation rate | No information available | | |
| Flammability (solid, gas) | No information available | | |
| Flammability Limits in Air | | | |
| Upper flammability limits | 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 | | |
| Solubility in other solvents | No information available | | |
| Partition coefficient | No information available | | |
| Autoignition temperature | No information available | | |
| Decomposition temperature | No information available | | |
| Kinematic viscosity | No information available | | |
| Dynamic viscosity | 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. Formaldehyde.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|--|
| Product Information | Aspiration hazard Causes serious eye irritation Harmful if swallowed |
| Inhalation | Harmful by inhalation. |
| Eye contact | Severely irritating to eyes. |
| Skin Contact | May be harmful in contact with skin. |
| Ingestion | Do not taste or swallow. May be fatal if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------|-------------------------|-----------------|
| Naphtha (petroleum), hydrotreated heavy 64742-48-9 | > 5000 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | - |
| Ethyl Silicate 78-10-4 | = 6270 mg/kg (Rat) | = 6300 µL/kg (Rabbit) | - |

Information on toxicological effects

| | |
|-----------------|---|
| Symptoms | May be fatal if swallowed and enters airways. Causes eye irritation. May be harmful by inhalation, ingestion, or skin absorption. |
|-----------------|---|

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. |
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Chronic toxicity | May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. |
| Target Organ Effects | blood, Eyes, kidney, liver, Respiratory system, Skin. |
| Aspiration hazard | May be fatal if swallowed and enters airways. |

Numerical measures of toxicity - Product Information

| | |
|---|--|
| Unknown Acute Toxicity | 28.40035% of the mixture consists of ingredient(s) of unknown toxicity |
| The following values are calculated based on chapter 3.1 of the GHS document . | |
| ATEmix (oral) | 7394 mg/kg |
| ATEmix (dermal) | 4898 mg/kg mg/l |
| ATEmix (inhalation-dust/mist) | 14.2 mg/l |

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|----------------------|--|----------------------------|--|
| Naphtha (petroleum), hydrotreated heavy 64742-48-9 | - | 2200: 96 h Pimephales promelas mg/L LC50 | - | 2.6: 96 h Chaetogammarus marinus mg/L LC50 |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

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

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

| | |
|-----------------------------|---|
| <u>DOT</u> | Non-Hazardous/Non-Regulated (Under 119 Gallons per container) |
| UN/ID No | UN1866 |
| Proper shipping name | Resin Solution |
| Hazard Class | 3 |
| Subsidiary class | III |
| Packing Group | III |

| | |
|--------------------------------|----------------|
| <u>IATA</u> | |
| UN/ID No | UN1866 |
| Proper shipping name | Resin Solution |
| Hazard Class | 3 |
| Subsidiary hazard class | III |
| Packing Group | III |

| | |
|--------------------------------|----------------|
| <u>IMDG</u> | |
| UN/ID No | UN1866 |
| Proper shipping name | Resin Solution |
| Hazard Class | 3 |
| Subsidiary hazard class | III |
| Packing Group | III |

15. REGULATORY INFORMATION

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

| | |
|--|-----|
| Acute health hazard | Yes |
| Chronic Health Hazard | No |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | 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 contains the following Proposition 65 chemicals

| Chemical Name | California Proposition 65 |
|--------------------|---------------------------|
| Methanol - 67-56-1 | Developmental |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------------------|------------|---------------|--------------|
| Ethyl Silicate 78-10-4 | X | X | X |
| Ethanol 64-17-5 | X | X | X |

16. OTHER INFORMATION

| | | | | |
|-------------|--------------------------|-----------------------|---------------------------|---|
| NFPA | Health hazards 3 | Flammability 2 | Instability 0 | Physical and Chemical Properties - Personal protection X |
| HMIS | Health hazards 3* | Flammability 2 | Physical hazards 0 | |

| | |
|----------------------|--------------------------|
| Prepared By | Regulatory Department |
| Issue Date | 21-Nov-2014 |
| Revision Date | 21-Nov-2014 |
| Revision Note | No information available |

Disclaimer

The information contained on the Material 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