

Issue Date 26-Mar-2016

Revision Date 06-Mar-2025

Version 1

**1. IDENTIFICATION****Product identifier****Product Name** EnduraRoof Silicone White Roof Sealant**Other means of identification****Product Code** AP920W**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Sealant**Uses advised against** No information available**Details of the supplier of the safety data sheet****Supplier Address**

HENRY COMPANY CANADA

15 Wallsend Dr.

Scarborough, ON M1E 3X6

Canada

Web Site: [www.henry.com](http://www.henry.com),[www.ca.henry.com](http://www.ca.henry.com)**Manufacturer Address**

HENRY COMPANY LLC

336 Cold Stream Road

Kimberton, PA 19442

Web Site: [www.henry.com](http://www.henry.com), [www.ca.henry.com](http://www.ca.henry.com)**Emergency telephone number****Company Phone Number****Emergency Telephone**

800-486-1278

US and Canada only (toll-free) : 3E Company - 1-866-519-4752 (access code 334832)

US/Canada, all other countries: 3E Company - +1-760-476-3962 (access code 334832)

Mexico (additional contact option): 3E Company - +52 55 41696225 (Code 334832)

**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Workplace Hazardous Material Information System (WHMIS)

|                                   |             |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 2A |

**Label elements****Emergency Overview****Warning****Hazard statements**

Causes skin irritation

Causes serious eye irritation



**Appearance** viscous**Physical state** liquid**Odor** Slight**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
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: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Not applicable.

**Unknown acute toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

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

Not applicable

**Mixture**

| Chemical Name                                 | CAS No      | Weight-% |
|-----------------------------------------------|-------------|----------|
| Nepheline syenite *                           | 37244-96-5  | 15 - 40  |
| Siloxanes and silicones (non-hazardous) *     | Proprietary | 10 - 30  |
| Poly[oxy(dimethylsilylene)] *                 | 9016-00-6   | 10 - 30  |
| Silica, amorphous, fumed, crystalline-free *  | 112945-52-5 | 3 - 7    |
| 2-Butanone, O,O,O-(methylsilyldiyl)trioxime * | 22984-54-9  | 3 - 7    |
| Titanium dioxide *                            | 13463-67-7  | 1 - 5    |
| Octamethylcyclotetrasiloxane *                | 556-67-2    | <0.1     |

\*The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of 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). If symptoms persist, call a physician.

**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 soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.

**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. If symptoms persist, call a physician.

**Ingestion** Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.

**Self-protection of the first aider** Use personal protective equipment as required.

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

**Symptoms** May cause redness and tearing of the eyes. May cause skin irritation.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**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** Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

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

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials** Strong oxidizing agents. Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name                  | ACGIH TLV                 | OSHA PEL                             | NIOSH REL/IDLH                                                                                                                                           |
|--------------------------------|---------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Titanium dioxide<br>13463-67-7 | TWA: 10 mg/m <sup>3</sup> | TWA: 15 mg/m <sup>3</sup> total dust | IDLH: 5000 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine<br>TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine,<br>including engineered nanoscale |

*NIOSH REL/IDLH Recommended Exposure Limit/Immediately Dangerous to Life or Health*

### Appropriate engineering controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

### 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** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                                |                          |                                  |                          |
|--------------------------------|--------------------------|----------------------------------|--------------------------|
| <b>Physical state</b>          | liquid                   | <b>Odor</b>                      | Slight                   |
| <b>Appearance</b>              | viscous                  | <b>Odor threshold</b>            | No information available |
| <b>Color</b>                   | pigmented                |                                  |                          |
| <b>Property</b>                | <b>Values</b>            | <b>Remarks • Method</b>          |                          |
| pH                             | 6-11                     |                                  |                          |
| Melting point / freezing point | No information available |                                  |                          |
| Boiling point / boiling range  | > 100 °C / 212 °F        |                                  |                          |
| Flash point                    | > 100 °C / 212 °F        | Pensky-Martens Closed Cup (PMCC) |                          |
| 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 |                                  |                          |
| Relative density               | 1.2 - 1.3                |                                  |                          |
| Water solubility               | Insoluble in water       |                                  |                          |
| Solubility in other solvents   | No information available |                                  |                          |
| Partition coefficient          | No information available |                                  |                          |
| Autoignition temperature       | No information available |                                  |                          |

|                                  |                          |
|----------------------------------|--------------------------|
| <b>Decomposition temperature</b> | No information available |
| <b>Kinematic viscosity</b>       | No information available |
| <b>Dynamic viscosity</b>         | No information available |
| <b>Explosive properties</b>      | Not an explosive         |
| <b>Oxidizing properties</b>      | Not applicable           |

**Other Information**

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC Content (%)</b>  | No information available |
| <b>Density</b>          | No information available |
| <b>Bulk density</b>     | No information available |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Elevated Temperature. Incompatible materials.

**Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| <b>Inhalation</b>   | Based on available data, the classification criteria are not met. |
| <b>Eye contact</b>  | Severely irritating to eyes.                                      |
| <b>Skin contact</b> | Irritating to skin.                                               |
| <b>Ingestion</b>    | Based on available data, the classification criteria are not met. |

| <b>Chemical Name</b>                                         | <b>Oral LD50</b>      | <b>Dermal LD50</b>     | <b>Inhalation LC50</b>               |
|--------------------------------------------------------------|-----------------------|------------------------|--------------------------------------|
| Siloxanes and silicones<br>(non-hazardous)                   | > 15400 mg/kg ( Rat ) | > 16 mL/kg ( Rabbit )  | > 8750 mg/m <sup>3</sup> ( Rat ) 7 h |
| Silica, amorphous, fumed,<br>crystalline-free<br>112945-52-5 | = 3160 mg/kg ( Rat )  | -                      | -                                    |
| Titanium dioxide<br>13463-67-7                               | > 10000 mg/kg ( Rat ) | -                      | -                                    |
| Octamethylcyclotetrasiloxane<br>556-67-2                     | = 1540 mg/kg ( Rat )  | = 794 µL/kg ( Rabbit ) | = 36 g/m <sup>3</sup> ( Rat ) 4 h    |

**Information on toxicological effects**

**Symptoms** May cause redness and tearing of the eyes. May cause skin irritation.

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

**Sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity  
Carcinogenicity**

Based on available data, the classification criteria are not met.

This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid. The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name                                             | ACGIH | IARC     | NTP | OSHA |
|-----------------------------------------------------------|-------|----------|-----|------|
| Silica, amorphous, fumed, crystalline-free<br>112945-52-5 | -     | Group 3  | -   | -    |
| Titanium dioxide<br>13463-67-7                            | -     | Group 2B | -   | X    |

*IARC (International Agency for Research on Cancer)**Group 2B - Possibly Carcinogenic to Humans**Group 3 - Not Classifiable as to Carcinogenicity in Humans**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present***Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT - single exposure**

Based on available data, the classification criteria are not met.

**STOT - repeated exposure**

Based on available data, the classification criteria are not met.

**Target Organ Effects**

Eyes, Skin.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 9,380.00 mg/kg

ATEmix (dermal) 19,693.81 mg/kg

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

None known

**Persistence and degradability**

No information available.

**Bioaccumulation**

Bioaccumulative potential.

| Chemical Name                            | Partition coefficient |
|------------------------------------------|-----------------------|
| Octamethylcyclotetrasiloxane<br>556-67-2 | 5.1                   |

**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.

**14. TRANSPORT INFORMATION****DOT**

Not regulated

**TDG**

Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL/NDL</b>       | Complies |
| <b>EINECS/ELINCS</b> | Complies |
| <b>IECSC</b>         | Complies |
| <b>KECL</b>          | Complies |
| <b>PICCS</b>         | Complies |
| <b>AICS</b>          | Complies |

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### 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>                       | No  |
| <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 contains titanium dioxide which is classified as an IARC 2B carcinogen based on laboratory studies where animals were exposed to titanium dioxide dust. This is not a relevant route of exposure for this product since it is a moist solid material with little to no chance of producing dust

| Chemical Name                 | California Proposition 65 |
|-------------------------------|---------------------------|
| Titanium dioxide - 13463-67-7 | Carcinogen                |

#### U.S. State Right-to-Know Regulations

| Chemical Name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Titanium dioxide<br>13463-67-7 | X          | X             | X            |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 1 | Flammability 1 | Instability 0      | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 1 | Flammability 1 | Physical hazards 0 | Personal protection X              |

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Revision Note

No information available

Procedure used to derive the classificationDisclaimer

The information provided in this Material 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 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.

**End of Safety Data Sheet**