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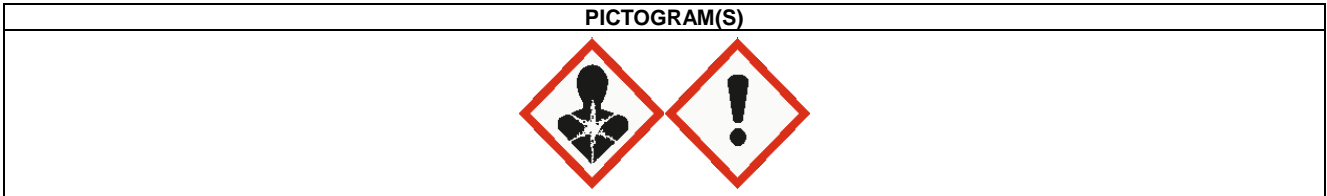
**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** GE Advanced Silicone Window and Door Projects  
**IDH number:** 2813701  
**Product type/use:** Silicone Sealant  
**Restriction of Use:** None identified  
**Company address:** Henkel Corporation, One Henkel Way, Rocky Hill, Connecticut 06067  
**Region:** United States  
**Contact information:** Telephone: +1 (860) 571-5100  
 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711  
 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**  
**WARNING:** MAY CAUSE AN ALLERGIC SKIN REACTION. SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

| HAZARD CLASS          | HAZARD CATEGORY |
|-----------------------|-----------------|
| SKIN SENSITIZATION    | 1               |
| REPRODUCTIVE TOXICITY | 2               |



**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust or fumes. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection.  
**Response:** IF ON SKIN: Wash with plenty of water. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.  
**Storage:** Store locked up.  
**Disposal:** Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Hazardous Component(s)                 | CAS Number  | Percentage*  |
|--|-------------|--------------|
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | >= 5 - <= 10 |
| 1,1,1,3,3,3-Hexamethyldisilazane       | 999-97-3    | >= 1 - <= 5  |
| Trimethoxy(methyl)silane               | 1185-55-3   | >= 1 - <= 5  |
| Titanium dioxide                       | 13463-67-7  | >= 1 - <= 5  |
| Carbon black                           | 1333-86-4   | >= 1 - <= 5  |
| octamethylcyclotetrasiloxane           | 556-67-2    | >= 0 - <= 1  |

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

Exposure to moisture during cure will release 0.1 - 0.9% methanol.

#### 4. FIRST AID MEASURES

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Move to fresh air. If symptoms persist, seek medical advice.                                     |
| <b>Skin contact:</b> | Wipe off with paper towel or cloth. Rinse with running water and soap. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention immediately. |
| <b>Eye contact:</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention immediately.   |
| <b>Ingestion:</b>    | DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention immediately.   |
| <b>Symptoms:</b>     | See Section 11.  |

#### 5. FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>Extinguishing media:</b>               | Foam, dry chemical or carbon dioxide.   |
| <b>Special firefighting procedures:</b>   | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.  |
| <b>Unusual fire or explosion hazards:</b> | Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. In case of fire, keep containers cool with water spray. |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. Oxides of silicon. Formaldehyde. Toxic and irritating vapors.   |

#### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Do not allow product to enter sewer or waterways.  |
| <b>Clean-up methods:</b>          | Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal. |

#### 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | Use only with adequate ventilation. Vapours should be extracted to avoid inhalation. Avoid contact with eyes, skin and clothing. Do not wear contact lenses. Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation. Wash thoroughly after handling. See Section 8 of the SDS for Personal Protective Equipment. Keep container closed. |
| <b>Storage:</b>  | Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.  |

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s)                 | ACGIH TLV  | OSHA PEL   | AIHA WEEL                 | OTHER |
|--|--|--|---------------------------|-------|
| Silica, amorphous, fumed, crystal-free | 10 mg/m3 TWA<br>Inhalable dust.<br>3 mg/m3 TWA<br>Respirable fraction.<br>3 mg/m3 TWA<br>Respirable particles.<br>10 mg/m3 TWA<br>Inhalable particles. | 20 MPPCF TWA<br>0.8 mg/m3 TWA<br>50 MPPCF TWA<br>Total dust.<br>5 mg/m3 TWA<br>Respirable fraction.<br>15 mg/m3 TWA Total<br>dust.<br>15 MPPCF TWA<br>Respirable fraction. | None                      | None  |
| 1,1,1,3,3,3-Hexamethyldisilazane       | None   | None   | 10 ppm TWA<br>50 ppm STEL | None  |
| Trimethoxy(methyl)silane               | None   | None   | None                      | None  |
| Titanium dioxide                       | 10 mg/m3 TWA   | 15 mg/m3 PEL Total<br>dust.<br>15 MPPCF TWA<br>Respirable fraction.<br>15 mg/m3 TWA Total<br>dust.<br>50 MPPCF TWA<br>Total dust.<br>5 mg/m3 TWA<br>Respirable fraction.   | None                      | None  |
| Carbon black                           | 3 mg/m3 TWA<br>Inhalable fraction.   | 3.5 mg/m3 PEL<br>5 mg/m3 TWA<br>Respirable fraction.<br>50 MPPCF TWA<br>Total dust.<br>15 MPPCF TWA<br>Respirable fraction.<br>15 mg/m3 TWA Total<br>dust.                 | None                      | None  |
| octamethylcyclotetrasiloxane           | None   | None   | 10 ppm TWA                | None  |

|                                |   |
|--------------------------------|---|
| <b>Engineering controls:</b>   | Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.   |
| <b>Respiratory protection:</b> | Use NIOSH approved respirator if there is potential to exceed exposure limit(s).  |
| <b>Eye/face protection:</b>    | Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available. |
| <b>Skin protection:</b>        | Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                |
|---|----------------|
| <b>Physical state:</b>                          | Solid          |
| <b>Color:</b>                                   | Brown          |
| <b>Odor:</b>                                    | Alcoholic      |
| <b>Odor threshold:</b>                          | Not available. |
| <b>pH:</b>                                      | Not available. |
| <b>Vapor pressure:</b>                          | Not available. |
| <b>Boiling point/range:</b>                     | Not available. |
| <b>Melting point/ range:</b>                    | Not available. |
| <b>Vapor density:</b>                           | Not available. |
| <b>Flash point:</b>                             | Not available. |
| <b>Flammable/Explosive limits - lower:</b>      | Not available. |
| <b>Flammable/Explosive limits - upper:</b>      | Not available. |
| <b>Autoignition temperature:</b>                | Not available. |
| <b>Flammability:</b>                            | Not applicable |
| <b>Evaporation rate:</b>                        | Not available. |
| <b>Solubility in water:</b>                     | Not available. |
| <b>Partition coefficient (n-octanol/water):</b> | Not available. |

IDH number: 2813701

Product name: GE Advanced Silicone Window and Door Projects

**VOC content:** 3 %; 31 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method)  
**Viscosity:** Not available.  
**Decomposition temperature:** Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.  
**Hazardous reactions:** None under normal processing.  
**Hazardous decomposition products:** Oxides of carbon. Oxides of silicon. Formaldehyde. Ammonia. Methanol.  
**Incompatible materials:** Acids and bases. Oxidizing agents. Amines.  
**Reactivity:** Not available.  
**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight. Exposure to moisture.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

**Inhalation:** When heated to temperatures exceeding 300° F (150° C) in the presence of air, silicones may form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling conditions may be maintained by keeping formaldehyde vapor concentrations below the OSHA permissible limit.  
**Skin contact:** Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.  
**Eye contact:** May cause eye irritation.  
**Ingestion:** Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

| Hazardous Component(s)                 | LD50s and LC50s  | Immediate and Delayed Health Effects                    |
|--|--|---|
| Silica, amorphous, fumed, crystal-free | None   | Nuisance dust   |
| 1,1,1,3,3,3-Hexamethyldisilazane       | Oral LD50 (Rat) = 847 mg/kg<br>Oral LD50 (Rabbit) = 1,100 mg/kg<br>Oral LD50 (Mouse) = 850 mg/kg<br>Inhalation LC50 (Rat, 4 h) = 8,700 mg/m3<br>Inhalation LC50 (Rat, 4 h) = 10.3 mg/l | Irritant  |
| Trimethoxy(methyl)silane               | Inhalation LC50 (Rat, 4 h) = > 26000 ppm   | Irritant, Allergen                                      |
| Titanium dioxide                       | Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l   | Irritant, Respiratory, Some evidence of carcinogenicity |
| Carbon black                           | Oral LD50 (Rat) = > 8,000 mg/kg  | Respiratory, Some evidence of carcinogenicity           |
| octamethylcyclotetrasiloxane           | Oral LD50 (Rat) = > 4,800 mg/kg<br>Dermal LD50 (Rat) = > 2,000 mg/kg<br>Dermal LD50 (Rabbit) = > 4,640 mg/kg<br>Inhalation LC50 (Rat, 4 h) = 36 mg/l                                   | Irritant  |

| Hazardous Component(s)                 | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Silica, amorphous, fumed, crystal-free | No             | No              | No                                       |
| 1,1,1,3,3,3-Hexamethyldisilazane       | No             | No              | No                                       |
| Trimethoxy(methyl)silane               | No             | No              | No                                       |
| Titanium dioxide                       | No             | Group 2B        | No                                       |
| Carbon black                           | No             | Group 2B        | No                                       |
| octamethylcyclotetrasiloxane           | No             | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### U.S. Department of Transportation Ground (49 CFR)

|                           |               |
|---------------------------|---------------|
| Proper shipping name:     | Not regulated |
| Hazard class or division: | None          |
| Identification number:    | None          |
| Packing group:            | None          |

### International Air Transportation (ICAO/IATA)

|                           |               |
|---------------------------|---------------|
| Proper shipping name:     | Not regulated |
| Hazard class or division: | None          |
| Identification number:    | None          |
| Packing group:            | None          |

### Water Transportation (IMO/IMDG)

|                           |               |
|---------------------------|---------------|
| Proper shipping name:     | Not regulated |
| Hazard class or division: | None          |
| Identification number:    | None          |
| Packing group:            | None          |

## 15. REGULATORY INFORMATION

### United States Regulatory Information

|   |   |
|---|---|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.<br>This product contains one or more components with a Low Volume Exemption (LVE) in accordance with 40 CFR 723.50. Quantities may be limited. |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis   |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimis.  |
| <b>CERCLA/SARA Section 311/312:</b>     | Immediate Health, Delayed Health  |
| <b>CERCLA/SARA Section 313:</b>         | None above reporting de minimis.  |
| <b>California Proposition 65:</b>       | This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.  |

### Canada Regulatory Information

|                             |   |
|-----------------------------|---|
| <b>CEPA DSL/NDL Status:</b> | One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List. |
|-----------------------------|---|

## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: First issue.

|              |                                       |
|--------------|---------------------------------------|
| Prepared by: | Product Safety and Regulatory Affairs |
| Issue date:  | 02/22/2022                            |

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