



Revision Number: 002.1

Issue date: 10/04/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: OSI Quad Window, Door and Siding VOC Advanced Formula Sealant
Product type: Sealant
Restriction of Use: None identified
Company address: Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067

IDH number: 1642878

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: CAUSES SKIN IRRITATION.
 MAY CAUSE AN ALLERGIC SKIN REACTION.
 CAUSES SERIOUS EYE IRRITATION.
 MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

| HAZARD CLASS | HAZARD CATEGORY |
|--|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 2 |

PICTOGRAM(S)



Precautionary Statements

Prevention: Do not breathe dust or fumes. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

Response: IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if you feel unwell. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

Storage: Not prescribed

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* |
|---|-------------|-------------|
| Limestone | 1317-65-3 | 20 - 30 |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | 98-56-6 | 10 - 20 |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 5 - 10 |
| Titanium dioxide | 13463-67-7 | 5 - 10 |
| Xylenes | 1330-20-7 | 1 - 5 |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1 - 5 |
| Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene | 64742-47-8 | 1 - 5 |
| Ethylbenzene | 100-41-4 | 0.1 - 1 |

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

4. FIRST AID MEASURES

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|----------------------|--|
| Inhalation: | If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention. |
| Skin contact: | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention. |
| Eye contact: | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |
| Ingestion: | Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. |
| Symptoms: | See Section 11. |

5. FIRE FIGHTING MEASURES

| | |
|---|--|
| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear a self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode. Wear full protective clothing. |
| Unusual fire or explosion hazards: | May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses. |
| Hazardous combustion products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. |

6. ACCIDENTAL RELEASE MEASURES

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

| | |
|-----------------------------------|---|
| Environmental precautions: | Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways. |
| Clean-up methods: | Scrape up spilled material and place in a closed container for disposal. Dispose of according to Federal, State and local governmental regulations. |

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not breathe fumes or dust from this material. Do not cut, grind, weld, or drill on or near this container. Do not take internally.

Storage: For safe storage, store between 0 °C (32°F) and 40 °C (104°F)
Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

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 |
|---|--|---|-----------|-------|
| Limestone | 10 mg/m ³ TWA Total dust. | 5 mg/m ³ PEL Respirable fraction. 15 mg/m ³ PEL Total dust. | None | None |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | None | None | None | None |
| Distillates (petroleum), hydrotreated light | None | None | None | None |
| Titanium dioxide | 10 mg/m ³ TWA | 15 mg/m ³ PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m ³ TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m ³ TWA Respirable fraction. | None | None |
| Xylenes | 100 ppm TWA 150 ppm STEL | 100 ppm (435 mg/m ³) PEL | None | None |
| Silica, amorphous, fumed, crystal-free | 10 mg/m ³ TWA Inhalable dust. 3 mg/m ³ TWA Respirable fraction. | 20 MPPCF TWA 0.8 mg/m ³ TWA | None | None |
| Distillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene | None | None | None | None |
| Ethylbenzene | 20 ppm TWA | 100 ppm (435 mg/m ³) PEL | None | None |

Engineering controls: Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

Respiratory protection: In general, exposure to organic chemicals such as those contained in this product may not require the use of respiratory protection if used in well ventilated area. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| Physical state: | Solid |
| Color: | White |
| Odor: | Aromatic |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | 8 mm hg (20 °C (68°F)) |
| Boiling point/range: | Not available. |
| Melting point/ range: | Not available. |
| Specific gravity: | 1.3 |
| Vapor density: | Heavier than air |
| Flash point: | Product is a solid. Burn Rate: <2.2mm/second |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not available. |
| Flammability: | Not applicable |
| Evaporation rate: | 0.7 Slower than butyl acetate. |
| Solubility in water: | Insoluble |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | 3.7 %; 217 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 |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. |
| Incompatible materials: | This product may react with strong acids or oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. |

11. TOXICOLOGICAL INFORMATION

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|-------------------------------------|-----------------------------------|
| Relevant routes of exposure: | Skin, Inhalation, Eyes, Ingestion |
|-------------------------------------|-----------------------------------|

Potential Health Effects/Symptoms

Inhalation: May cause nose, throat and lung irritation.
Skin contact: Causes skin irritation.
Eye contact: Causes serious eye irritation.
Ingestion: May be harmful if swallowed.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|---|--|
| Limestone | None | Nuisance dust |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | None | Adrenals, Blood, Central nervous system, Immune system, Irritant, Kidney, Liver, Lung, Skin, Thyroid |
| Distillates (petroleum), hydrotreated light | None | Irritant, Lung |
| Titanium dioxide | None | Irritant, Respiratory, Some evidence of carcinogenicity |
| Xylenes | Oral LD50 (Rat) = 6,670 mg/kg Oral LD50 (Rat) = 3,523 - 8,600 mg/kg Oral LD50 (Rat) = 4,300 mg/kg Dermal LD50 (Rabbit) = > 43 g/kg | Cardiac, Central nervous system, Irritant, Kidney, Liver |
| Silica, amorphous, fumed, crystal-free | None | Nuisance dust |
| Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene | None | Irritant, Lung |
| Ethylbenzene | Oral LD50 (Rat) = 5.46 g/kg Oral LD50 (Rat) = 3,500 mg/kg Dermal LD50 (Rabbit) = 17,800 mg/kg | Irritant, Central nervous system |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Limestone | No | No | No |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | No | No | No |
| Distillates (petroleum), hydrotreated light | No | No | No |
| Titanium dioxide | No | Group 2B | No |
| Xylenes | No | No | No |
| Silica, amorphous, fumed, crystal-free | No | No | No |
| Destillates (Petroleum), Hydrocarbon aliph dearomat <0.1% benzene | No | No | No |
| Ethylbenzene | No | Group 2B | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

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|--|--|
| Recommended method of disposal: | Dispose of according to Federal, State and local governmental regulations. |
| Hazardous waste number: | It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24. |

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

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|---|--|
| TSCA 8 (b) Inventory Status: | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. |
| TSCA 12 (b) Export Notification: | Chloro-fluoro solvent (CAS# 98-56-6). |
| CERCLA/SARA Section 302 EHS: | None above reporting de minimis. |
| CERCLA/SARA Section 311/312: | Immediate Health |
| CERCLA/SARA Section 313: | This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Xylenes (CAS# 1330-20-7). Ethylbenzene (CAS# 100-41-4). |
| CERCLA Reportable quantity: | Xylenes (CAS# 1330-20-7) 100 lbs. (45.4 kg) |
| California Proposition 65: | This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. |

Canada Regulatory Information

| | |
|------------------------------|---|
| CEPA DSL/NDSL Status: | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
|------------------------------|---|

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: This Safety Data Sheet contains changes from the previous version in Section(s): 2, 3, 8, 11, 15, 16

Prepared by: Product Safety and Regulatory Affairs

Issue date: 10/04/2018

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