1. PRODUCT AND COMPANY IDENTIFICATION

Product name: OSI® H2U® High Performance Acrylic Urethane Sealant Window, Door & Siding Tan 433
IDH number: 1283154

Product type: Sealant
Restriction of Use: None identified
Company address: Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Revision Number: 003.1
Issue date: 12/18/2014

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS | HAZARD CATEGORY
--- | ---
EYE IRRITATION | 2A
SKIN SENSITIZATION | 1

PICTOGRAM(S)

Precautionary Statements

Prevention: Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.

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

Storage: Not prescribed
Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.


See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>CAS Number</th>
<th>Percentage*</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDH number: 1283154</td>
<td>Product name: OSI® H2U® High Performance Acrylic Urethane Sealant Window, Door &amp; Siding Tan 433</td>
<td></td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Inhalation: Move to fresh air in case of accidental inhalation of vapours.
Skin contact: Wash affected area immediately with soap and water.
Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If symptoms develop and persist, get medical attention.
Ingestion: Consult a physician if necessary.
Symptoms: See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media: Carbon dioxide, foam, powder. Water fog.
Special firefighting procedures: Use water spray to keep fire exposed containers cool and disperse vapors.
Unusual fire or explosion hazards: None expected.

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: Do not allow product to enter sewer or waterways.
Clean-up methods: Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Absorb spill with inert material. Shovel material into appropriate container for disposal.

7. HANDLING AND STORAGE

Handling: Avoid prolonged or repeated skin contact with this material. Keep out of the reach of children.
Storage: For safe storage, store at or above 0 °C (32°F). Keep from freezing. Store in a cool, dry area.

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.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>10 mg/m³ TWA Total dust.</td>
<td>5 mg/m³ PEL Respirable fraction, 15 mg/m³ PEL Total dust.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>100 mg/m³ Ceiling Aerosol.</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>White mineral oil (petroleum), highly refined</td>
<td>5 mg/m³ TWA Inhalable fraction.</td>
<td>5 mg/m³ TWA mist</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>6 mg/m³ TWA</td>
<td>20 MPPCF TWA 0.8 mg/m³ TWA</td>
<td>None</td>
<td>3 mg/m³ TWA Respirable fraction.</td>
</tr>
</tbody>
</table>

**Engineering controls:** Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:** No personal respiratory protective equipment normally required.

**Eye/face protection:** None required in normal use.

**Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical state:** Paste
- **Color:** Beige
- **Odor:** Mild, Acrylic
- **Odor threshold:** Not available.
- **pH:** 7.3 - 8.5
- **Vapor pressure:** 15 mm hg (20.0 °C (68°F))
- **Boiling point/range:** 100 °C (212°F)
- **Melting point/ range:** Not available.
- **Specific gravity:** 1.267
- **Vapor density:** Heavier than air
- **Flash point:** Not applicable
- **Flammable/Explosive limits - lower:** Not available.
- **Flammable/Explosive limits - upper:** Not available.
- **Autoignition temperature:** Not available.
- **Evaporation rate:** < 0.5 (Butyl acetate = 1)
- **Solubility in water:** Soluble
- **Partition coefficient (n-octanol/water):** Not available.
- **VOC content:** 0.3 %; 42 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method)
- **Viscosity:** 200,000 - 300,000 cp
- **Decomposition temperature:** Not available.
10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.
Hazardous reactions: Will not occur.
Incompatible materials: None
Reactivity: Not available.
Conditions to avoid: Do not freeze.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Inhalation, Skin contact

Potential Health Effects/Symptoms

Inhalation: May cause irritation to nose and throat.
Skin contact: May cause slight irritation to skin.
Eye contact: May cause slight irritation to eyes on contact.
Ingestion: Not expected to be harmful by ingestion. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>LD50s and LC50s</th>
<th>Immediate and Delayed Health Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>None</td>
<td>Nuisance dust</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>Oral LD50 (RAT) = 5.89 g/kg</td>
<td>Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic</td>
</tr>
<tr>
<td></td>
<td>Dermal LD50 (RABBIT) = 9,530 mg/kg</td>
<td></td>
</tr>
<tr>
<td>White mineral oil (petroleum), highly refined</td>
<td>None</td>
<td>Irritant</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>Oral LD50 (RAT) = &gt; 22,500 mg/kg</td>
<td>Nuisance dust</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen (Specifically Regulated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<td>No</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecological information: Not available.
13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

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
- 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: None above reporting de minimis
- 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). Ethylene glycol (CAS# 107-21-1).
- 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 Material Safety Data Sheet contains changes from the previous version in Section(s): 3, 8, 9, 11, 15
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