



ADVANCED
Building Products Inc.

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: OSI® H2U® High Performance Acrylic Urethane Sealant Window, Door & Siding White 001

LABEL: Sealrite Sealant

USE & DESCRIPTION: Sealant

CHEMICAL FAMILY: Mixture

MANUFACTURED BY:

Advanced Building Products Inc.

P.O. Box 98

Springvale, ME 04083

www.advancedbuildingproducts.com

EMERGENCY TELEPHONE NUMBERS:

General Information: 1-800-252-2306 (8 A.M. – 5 P.M. EST)

2. HAZARDS IDENTIFICATION

SIGNAL WORD: Warning

GHS CLASSIFICATION:

Eye Irritation Category 2A

HAZARD STATEMENTS:

Abrasion could release respirable particles of silica quartz, a cancer hazard by inhalation.

Normal use of this product causes no such release.

Causes serious eye irritation.



PRECAUTIONARY STATEMENTS:

Wash thoroughly after handling. Wear eye and face protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If eye irritation persists: Seek medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS No. | % by Weight |
|---|-------------|-------------|
| Limestone | 1317-65-3 | 10%-30% |
| Titanium dioxide | 13463-67-7 | 1%-5% |
| Ethylene glycol | 107-21-1 | 1%-5% |
| White mineral oil (petroleum), highly refined | 8042-47-5 | 1%-5% |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1%-5% |
| Quartz (SiO ₂) | 14808-60-7 | 0.1%-1% |
| Aluminum hydroxide | 81645-51-2 | 0.1%-1% |

NE = Not Established



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4. FIRST-AID MEASURES

EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes. If symptoms develop and persist, get medical attention.

SKIN CONTACT

Wash affected area immediately with soap and water.

INGESTION

Consult a physician if necessary. DO NOT induce vomiting.

INHALATION

Move to fresh air in case of accidental inhalation of vapors.

MOST IMPORTANT SYMPTOMS & EFFECTS

Symptoms include irritation of the nose/throat, skin or eyes. Abrasion of cured material such as by sanding or grinding could release respirable particles of Silica Quartz which is a cancer hazard by respiration. Normal product usage does not cause releases. Not expected to be harmful by ingestion.

5. FIRE-FIGHTING MEASURES

FLASH POINT: Not applicable

LOWER EXPLOSIVE LIMIT: Not available

UPPER EXPLOSIVE LIMIT: Not available

EXTINGUISHING MEDIA: Carbon dioxide (CO₂), foam, powder, water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to keep fire exposed containers cool and to disperse vapors.

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

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

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. DO NOT allow product to enter sewer or waterways.

METHODS/MATERIAL FOR CONTAINMENT AND CLEANUP: Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State, and local governmental regulations.



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7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid prolonged or repeated skin contact with this material. Keep out of the reach of children.

PRECAUTIONS FOR SAFE STORAGE: For safe storage, store at or above 0°C (32°F). Keep from freezing. Store in a cool, dry area.

INCOMPATIBLE MATERIALS: None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits:

| Components Raw Products | CAS No. | OSHA | ACGIH | | Unit |
|--|-------------|---|-------|------|-------------------|
| | | PEL | TWA | STEL | |
| Limestone | 1317-65-3 | 5 (Respirable fraction) 15 (Total dust) | NE | NE | mg/m ³ |
| Titanium dioxide | 13463-67-7 | 15 | NE | NE | mg/m ³ |
| Ethylene glycol | 107-21-1 | NE | NE | NE | NE |
| White mineral oil (petroleum), highly refined | 8042-47-5 | 5 | NE | NE | mg/m ³ |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 0.8 | NE | NE | mg/m ³ |
| Quartz (SiO ₂) | 14808-60-7 | 0.1 (Respirable fraction) 0.3 (Total dust) | NE | NE | mg/m ³ |
| Aluminum hydroxide | 81645-51-2 | 5 (Respirable fraction) 15 (Total dust) | NE | NE | mg/m ³ |

NE = Not Established

VENTILATION/ENGINEERING MEASURES:

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

RESPIRATORY PROTECTION:

If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/ MSHA respiratory protection must be provided.

SKIN PROTECTION:

Use impermeable gloves and protective clothing as necessary to prevent skin contact.

EYE/FACE PROTECTION:

Safety goggles or safety glasses with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

| PROPERTY | COMPONENT |
|-----------------------------|---------------|
| Color: | Solid |
| Physical State: | White (Paste) |
| Solubility in Water: | Soluble |



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| | |
|--|------------------|
| Melting Point: | Not available |
| Specific Gravity (water = 1): | Heavier than air |
| Bulk Density (lb/ft³): | Not available |
| Odor: | Mild, acrylic |
| Percent Volatiles: | 0.3% |
| pH: | 7.3/8.5 |
| Oxidizing Properties: | Not available |
| Evaporation Rate (butyl acetate = 1): | < 0.5 |
| Vapor Density (Air = 1): | Heavier than air |
| Boiling Point: | 100°C (212°F) |
| Auto Ignition Temperature: | Not available |
| Flash Point: | Not applicable |

10. STABILITY AND REACTIVITY

REACTIVITY: Stable under normal conditions of storage or use.

HAZARDOUS REACTIONS: Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): This product may react with oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.

CONDITIONS TO AVOID: DO NOT freeze.

11. TOXICOLOGICAL INFORMATION

RELEVANT ROUTES OF EXPOSURE: Inhalation, skin contact.

POTENTIAL CHRONIC HEALTH EFFECTS:

INHALATION

May cause irritation to nose and throat. Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release.

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.



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| HAZARDOUS COMPONENT(S) | LD50s and LC50s | IMMEDIATE AND DELAYED HEALTH EFFECTS |
|---|--|---|
| Limestone | None | Nuisance dust |
| Titanium dioxide | None | Irritant, respiratory, some evidence of carcinogenicity |
| Ethylene glycol | Oral LD50 (RAT) = 5.89 g/kg Dermal LD50 (RABBIT) = 9530 mg/kg | Blood, bone marrow, central nervous system, developmental, eyes, irritant, kidney, liver, metabolic |
| White mineral oil (petroleum), highly refined | None | Irritant |
| Silica, amorphous, fumed, crystal-free | None | Nuisance dust |
| Quartz (SiO ₂) | None | Immune system, lung, some evidence of carcinogenicity |
| Aluminum hydroxide | Oral LD50 (RAT) >= 5000 mg/kg | Irritant, lung, respiratory |

| HAZARDOUS COMPONENT(S) | NTP CARCINOGEN | IARC CARCINOGEN | OSHA CARCINOGEN (Specifically Regulated) |
|---|------------------------------|-----------------|--|
| Limestone | No | No | No |
| Titanium dioxide | No | Group 2B | No |
| Ethylene glycol | No | No | No |
| White mineral oil (petroleum), highly refined | No | No | No |
| Silica, amorphous, fumed, crystal-free | No | No | No |
| Quartz (SiO ₂) | Known to be human carcinogen | Group 1 | No |
| Aluminum hydroxide | No | No | No |

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not available.

PERSISTENCE AND DEGRADABILITY: Not available.

POTENTIAL FOR BIOACCUMULATION: Not available.

SOIL MOBILITY: Not available.

OTHER ADVERSE EFFECTS (OZONE, ETC.): Not available.

13. DISPOSAL CONSIDERATIONS

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,



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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, Delayed 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.



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16. OTHER INFORMATION

PARTY RESPONSIBLE FOR THE PREPERATION OF THIS DOCUMENT:

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PREPARATION DATE: 09/09/2015

LAST EDIT DATE: 3/25/16

DISCLAIMER OF LIABILITY

Advanced Building Products Inc. based on our current knowledge, believes the information contained herein to be accurate and reliable as of the date issued. Advanced Building Products Inc. does not warrant or guarantee their accuracy or reliability, and Advanced Building Products Inc. shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy his/her self that they are suitable and complete for the user's intended use.