



**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:** Sealite 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**

<b>Components</b>	<b>CAS No.</b>	<b>% by Weight</b>
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 <sub>2</sub> )	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 (CO<sub>2</sub>), 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 <sup>3</sup>
Titanium dioxide	13463-67-7	15	NE	NE	mg/m <sup>3</sup>
Ethylene glycol	107-21-1	NE	NE	NE	NE
White mineral oil (petroleum), highly refined	8042-47-5	5	NE	NE	mg/m <sup>3</sup>
Silica, amorphous, fumed, crystal-free	112945-52-5	0.8	NE	NE	mg/m <sup>3</sup>
Quartz (SiO <sub>2</sub> )	14808-60-7	0.1 (Respirable fraction) 0.3 (Total dust)	NE	NE	mg/m <sup>3</sup>
Aluminum hydroxide	81645-51-2	5 (Respirable fraction) 15 (Total dust)	NE	NE	mg/m <sup>3</sup>

**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
<b>Color:</b>	Solid
<b>Physical State:</b>	White (Paste)
<b>Solubility in Water:</b>	Soluble



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<b>Melting Point:</b>	Not available
<b>Specific Gravity (water = 1):</b>	Heavier than air
<b>Bulk Density (lb/ft<sup>3</sup>):</b>	Not available
<b>Odor:</b>	Mild, acrylic
<b>Percent Volatiles:</b>	0.3%
<b>pH:</b>	7.3/8.5
<b>Oxidizing Properties:</b>	Not available
<b>Evaporation Rate (butyl acetate = 1):</b>	< 0.5
<b>Vapor Density (Air = 1):</b>	Heavier than air
<b>Boiling Point:</b>	100°C (212°F)
<b>Auto Ignition Temperature:</b>	Not available
<b>Flash Point:</b>	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 <sub>2</sub> )	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 <sub>2</sub> )	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.*