

MATERIAL SAFETY DATA SHEET

MSDS Name: H2U ACRYLIC URETHANE SEALANT  
MSDS Number: 23311-001  
Version Number: 2  
Revision Date: OCT-12-2005  
Page Number: 1

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SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: H2U ACRYLIC URETHANE SEALANT  
HMIS Hazard Rating: Health: 1 Fire: 0 Reactivity: 0 PPE: B

Company Identification: HENKEL CONSUMER ADHESIVES  
7405 PRODUCTION DRIVE  
MENTOR OH 44060

Contact (24 hour): Customer Affairs (800)321-0253  
Information phone/Fax: (440) 255-8900 / (440) 974-8358  
CHEMTREC Emergency (24 hour): (703) 527-3887 (International)  
(800) 424-9300  
in Canada CANUTEC 613-996-6666

Product Class: SEALANT  
Trade Name: PRO-SERIES  
Product Code: 23311-001,-xxx

SECTION II - INGREDIENT AND HAZARD INFORMATION

Hazardous Ingredient Name	CAS Number	Percent	TSCA
Titanium Dioxide **	13463-67-7	< 5.0	Y
ETHYLENE GLYCOL	107-21-1	< 2.0	Y

Ingredient Notes:  
Remaining ingredients are not considered OSHA hazardous.  
\*Titanium Dioxide in white only!  
\*\*The main hazard for Titanium Dioxide is in inhalation.  
Because of its incorporation into the polymer matrix,  
exposure by inhalation is unlikely.

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SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Non-sag caulk.  
Appearance/Color: White or colors  
Solubility (in water): yes  
pH Value, +/- .3: 7.5  
Boiling Range: 212.°F (100.°C)  
Vapor Pressure (mmHg): 15.@ 68.°F (20.°C)  
Evaporation Rate: 0.5 times Slower than n-Butyl Acetate

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Vapor Density: Heavier than air  
% Volatile, Weight under 30.%  
% Volatile, Volume  
Specific Gravity: 1.272  
VOC (less H2O or exempt) < 5 g/l (<.1%)

NOTE:

Odor : Mild acrylic odor. Freeze Point : 32 Deg F

SECTION IV - FIRE FIGHTING MEASURES (Flash,UEL,LEL for solvent only)

Flammability Class N/A  
Flash Range: NONE  
Explosive Range (LEL/UEL): Not Applicable

EXTINGUISHING MEDIA:

Dry chemical -- Carbon Dioxide -- Foam -- Water Fog  
Will not burn in wet state.

SPECIAL FIRE-FIGHTING PROCEDURES:

Water may be used to cool and protect exposed containers.  
Caution should be taken because uncured material is water soluble.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Any closed container may burst when exposed to extreme heat or fire.

SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY:

ENTRY THROUGH...Inhalation and skin most likely

CARCINOGENICITY...

NTP? N/E | IARC Monographs? N/E | OSHA? NO

EFFECTS OF OVEREXPOSURE

Inhalation: May cause nose or throat irritation.  
Skin/Eye Contact: May cause irritation.  
Ingestion: Swallowing large amounts may cause nausea, vomiting. ( an unlikely route of entry )

FIRST AID MEASURES

Inhalation: If affected by inhalation, remove to fresh air.  
Eye Contact: Flush with water for at least 15 minutes, and get prompt medical attention.  
Skin Contact: Wash skin thoroughly with soap and water.  
Ingestion: Drink water, and get medical attention.

N/A= Not applicable N/AV=Not available N/E, N/est=Not established

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**CHRONIC HAZARDS**

Swallowing ETHYLENE GLYCOL may cause gastrointestinal irritation.

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**SECTION VI - STABILITY AND REACTIVITY**

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

**INCOMPATIBILITY:**

None

**CONDITIONS TO AVOID:**

None

**HAZARDOUS DECOMPOSITION PRODUCTS:**

May produce oxides of carbon and oxides of nitrogen when burned.

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**SECTION VII - ACCIDENTAL RELEASE AND DISPOSAL MEASURES:**

**STEPS TO BE TAKEN IN CASE OF SPILL:**

Wear appropriate protective clothing. Add dry absorbent and shovel or sweep up. Place in an appropriate container and seal.

**WASTE DISPOSAL METHOD:**

Dispose of in accordance with Federal, State, and Local regulations.

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**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
Titanium Dioxide **	10.00 mg/F3	N/est	N/est	N/est	10.00 mg/F3
ETHYLENE GLYCOL	N/est	100.00 mg/M3	N/est	N/est	50.00 PPM

**RESPIRATORY PROTECTION:**

NIOSH respirators recommended if vapors and mists are generated.

**VENTILATION:**

Local exhaust is recommended for safe practice.

**PROTECTIVE CLOTHING:**

Gloves and clothing should be worn to prevent repeated skin contact.

**EYE PROTECTION:**

Splashproof goggles or safety glasses should be worn.

**HANDLING AND STORAGE PRECAUTIONS:**

Keep from freezing. Keep away from heat.

Keep containers closed when not in use.

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Avoid prolonged or repeated contact with skin.  
Keep out of the reach of children.

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**SECTION IX - TRANSPORT INFORMATION: (not all sizes available)**

**GROUND TRANSPORT (DOT) - DOMESTIC**  
Caulking compound, Non Regulated

**AIR TRANSPORT (DOT) - DOMESTIC**  
Caulking compound, Non Regulated

**AIR TRANSPORT ( IATA ) - INTERNATIONAL**  
Caulking compound, Non Regulated

**MARINE - OCEAN TRANSPORT ( IMDG )**  
Caulking compound, Non Regulated

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**SECTION X - REGULATORY INFORMATION:**

SARA TITLE III 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 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
ETHYLENE GLYCOL	107-21-1	< 2.0

The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
ETHYLENE GLYCOL	107-21-1	< 2.0

Ethylene Glycol fits the EPA Hazard Category definition of Immediate (Acute) and Delayed (Chronic) Health Hazards under SARA Sect.311,312. All chemical substances are TSCA listed.  
California PROP.65 Chemicals: none known

**DISCLAIMER:**

The information contained herein is based on data available as of the date of preparation of this MSDS and which we believe to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data. We shall not be responsible for the use of this information, or of any product, method, apparatus mentioned, and user must make his own investigation to determine the suitability of the infor-

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mation or products for his particular purpose, for the protection of  
the environment, and the health & safety of the users of this material.