

## **MSDS: High Performance PVA**

Read and understand this before using or handling product.

For emergency purposes: PRO-GLUE, a product line of VAC-U-CLAMP

PRO-GLUE Emergency phone: 888-342-8262

Product Type: PVA/ Adhesive

General product use: Adhesive

### **CHEMICAL HAZARD RATING**

Health=2 (moderate) Fire=2 (moderate) Reactivity=0 (least)

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#### **1. Hazardous Ingredients**

Product contains no hazardous ingredients or they are below reportable levels.

OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

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#### **2. Physical Data**

##### **EMERGENCY OVERVIEW:**

Cream colored water-based adhesive. Slippery in the wet state.

Form: LIQUID  
Appearance/Color: CREAM  
Odor: MILD  
Solubility (in water): SOLUBLE IN WATER  
pH Value: 3.  
Boiling Range/Point: 210.0F  
Evaporation Rate: Slower than n-Butyl Acetate

% Volatile: 49.%  
Specific Gravity: 1.11  
VOC: 0.037 LBS/GAL

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#### **3. Immediate Health Hazards**

##### **ROUTES OF ENTRY:**

INHALATION: Yes

SKIN: No

EYE: Yes

INGESTION: Yes

INHALATION:

Vapors and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.

No reported incidents of adverse health affects resulting from inhalation of vapors at room temperature.

SKIN:

Prolonged or repeated skin contact can cause irritation.

EYE:

Substance may cause moderate eye irritation.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Preexisting skin and respiratory conditions.

**CARCINOGENICITY:**

IARC: No

NTP: No

OSHA: No

**REPRODUCTIVE TOXICITY:**

This product has not been evaluated for reproductive toxicity.

**TARGET ORGANS:**

Eyes and skin.

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#### **4. Emergency and First Aid procedures**

**INHALATION:** Remove patient to fresh air, if discomfort persists seek medical attention.

**INGESTION:** Call poison control center immediately. Follow their specific instructions.

**SKIN:** Wash with soap and water. Contact a physician if irritation develops or persists.

**EYE:** Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

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#### **5. Fire and Explosion Hazards**

Flammability Class (OSHA) III B  
Flash Point: Not Applicable  
Explosive Range: Not Applicable

**EXTINGUISHING MEDIA:**

Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon.

**FIRE FIGHTING PROCEDURES:**

Wear a NIOSH approved self-contained breathing apparatus.

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#### **6. Safe Handling and Personal Protection**

**HANDLING:**

Empty drums should be completely drained, properly bunged and promptly returned to a reconditioner, or properly disposed of.

Use only in well ventilated area.

**STORAGE:**

Store at temperatures between 50 F and 90 F.

**PRECAUTIONARY STATEMENT:**

For industrial use only.

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#### **7. Reactivity Data**

Normally Stable as defined in NFPA 704-12(4-3.1).

Hazardous polymerization: May occur

Incompatibilities: Strong oxidizers.

Decomposition products may include: none known

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#### **8. Control Measures**

**Occupational Exposure Limits**

ACGIH TLV    ACGIH TLV-C    ACGIH STEL    OSHA STEL    OSHA PEL

**ENGINEERING CONTROLS:**

Use local exhaust as needed to maintain occupational exposure limits.

**OTHER:**

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

**RESPIRATORY PROTECTION:**

Where exposure limits may be exceeded select a NIOSH approved respirator with appropriate Protection Factor and cartridge for the specific contaminants. Follow requirements for respiratory protection in OSHA 1910.134.

**EYE PROTECTION:**

Chemical splash goggles (ANSI Z87.1 or approved equivalent).

**SKIN PROTECTION:**

Where skin contact can occur, wear impervious gloves.

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#### **9. Spill or Leak and Disposal Procedures**

**CONTAINMENT TECHNIQUES:**

Use inert absorbent to dike the spill. Keep away from drains.

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**CLEAN-UP:**

If possible pump liquid into an approved container or spread absorbent over spill and shovel product/absorbent mixture into an approved container. If product has dried scrape up and place in an approved container.

**WASTE DISPOSAL:**

Disposal of this product must comply with all applicable federal, state and local regulations.

**CONTAINER DISPOSAL:**

Disposal of this container should comply with all applicable federal, state and local regulations.

**10. Stability And Reactivity**

**Stability:** This product is stable

**Hazardous Polymerization:** Hazardous polymerization will not occur

**INCOMPATIBILITY:**

Strong acids and bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon may be released during combustion.

**11. Toxicological Information**

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

**12. Transportation**

UN Number	NONE
UN Pack Group	N/A
UN Class	NONHAZ
ICAO/IATA Class	NONHAZARDOUS
IMDG Class	NONHAZARDOUS
Shipping Name	NONHAZARDOUS

Packaging may not be approved for shipping by air. Please contact Vac-U-Clamp for further information.

**13. Regulatory and other information****TSCA (Toxic Substances Control Act Inventory):**

All components of this product are listed on the TSCA inventory except as exempted.

This formulation has not been tested for environmental effects.

**DISCLAIMER:**

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Vac-U-Clamp makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.

Due to a recent rate hike by Fed Ex we've been forced to raise our minimum order for free shipping.

**FREE SHIPPING** within the **CONTINENTAL UNITED STATES** on any purchase over \$40.

Call us on our toll free number for special shipping rates to Alaska, and Hawaii.

Excludes the large stand-alone vacuum presses such as: FT, F/P, FP/C, F Series, S/P Series, ThermoFoil, Heated/Cold and Custom Vacuum Presses - but ask about special freight allowances on these large format vacuum presses!



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