



## MATERIAL SAFETY DATA SHEET

### 1. COMPANY AND PRODUCT IDENTIFICATION

**DUNCAN ENTERPRISES**  
**5673 East Shields Avenue**  
**Fresno, CA 93727**  
**559-291-4444**  
**559-291-9444 (Fax)**

#### EMERGENCY TELEPHONE NUMBERS

Health Emergency: 559-291-4444 7:00 am – 3:30 pm  
Pacific Standard Time  
Spill and Off-Hour  
Health Emergencies: 800-424-9300 U.S. and Canada  
703-527-3887 Outside U.S. and  
Canada (Collect)

**Product Name:** ALEENE'S WOOD GLUE  
**Synonym Name(s):** Water-Based Adhesive

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

None Hazardous

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Not considered as hazardous.  
**Eye:** Slight/mild irritant  
**Skin Contact:** Repeated or prolonged skin contact may result in mild irritation  
**Inhalation:** Vapor may be irritant to the respiratory tract.  
**Ingestion:** Unlikely to be hazardous if swallowed.

### 4. FIRST AID MEASURES

**Eye Contact:** Flush eyes with large amounts of water until irritation subsides. Consult a physician if irritation persists.  
**Skin Contact:** Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.  
**Inhalation:** Move subject to fresh air. Consult a physician if irritation persists.  
**Ingestion:** If swallowed, give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

**Autoignition Temperature:** Unknown  
**Flash Point:** Not Applicable  
**Upper Explosive Limit (%):** Not Applicable  
**Lower Explosive Limit (%):** Not Applicable  
**Extinguisher Media:** CO<sub>2</sub>, Dry Chemical, Foam – Use extinguishing media appropriate for surrounding fire  
**Special Firefighting Procedures:** Not Applicable  
**Fire & Explosion Hazards:** Not Applicable  
**NFPA Flammability Hazard Class:** 0 = Insignificant

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### 6. ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state or national legislation.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

### 7. HANDLING AND STORAGE

**Storage Temperature:** 40° - 100°F  
**Handling / Storage:** Protect from freezing; keep container sealed when not in use  
**Ventilation Requirements:** General  
**Sensitivity to Static Electricity:** No  
**Sensitivity to Mechanical Impact:** No

### 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Conditions Under Which Personal Protective Equipment Required:** Normal work conditions, maintenance / repair.  
**Eye Protection Requirements:** Wear safety glasses with side shields.  
**Glove Requirements:** Gloves are not normally required for foreseeable conditions of use.  
**Clothing Requirements:** Protective clothing is normally not necessary for foreseeable conditions of use.  
**Change / Removal of Clothing:** None required  
**Wash Requirements:** Wash before eating, drinking, or using toilet facilities.  
**Respirator Requirements:** None required under normal handling conditions.  
**Ventilation Requirements:** General

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Pure Material or Mixture:** Mixture  
**Physical Form:** Liquid  
**Appearance / Physical Description:** Light Brown; slight odor  
**Odor Threshold:** Not Available  
**pH:** 4.2  
**Boiling Point:** > 212°F  
**Melting / Freezing Point:** < 40°F  
**Solubility in Water:** Miscible  
**Partition Coefficient (n-octanol/water):** Not Applicable  
**Specific Gravity (Water = 1):** 1.12  
**Bulk Density:** 9.3 lb / gal  
**Volatiles:** 57% / wt  
**Evaporation Rate (Water = 1):** 1  
**Vapor Pressure:** 17.5 mm Hg @ 20°C (68°F)  
**Vapor Density (Air = 1):** 0.62

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**9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)**

Volatile Organic Compounds: < 0.1% / wt  
Autoignition Temperature: Unknown  
Flash Point: Not Applicable  
Oxidizing Properties: Not Applicable

**10. STABILITY AND REACTIVITY**

Stability: Stable  
Materials to Avoid: Strong Oxidizers  
Conditions to Avoid: Protect from temperatures below 40°F  
NFPA Reactivity Hazard Class: 0 = Insignificant  
Hazardous Polymerization Conditions: Hazardous polymerization will not occur  
Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide

**11. TOXICOLOGICAL INFORMATION**

Route of Entry Eye Contact

**Chronic (Long – Term) Effects of Exposure**

Target Organs: Not applicable  
Carcinogen No

**Product Toxicology**

**Product Information** Product may contain small amounts of residual vinyl acetate. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime; 200 ppm causes irritation; 50 ppm produced no observable effect. There is no evidence of adverse effects to humans exposed to levels at or below the ACGIH TLV.

**12. ECOLOGICAL INFORMATION**

None Available

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Waste disposal should be in accordance with existing Federal, State, and Local environmental regulations.  
**Empty Container Warnings:** Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

**14. TRANSPORT INFORMATION**

**U.S. Department of Transportation Information**

DOT Shipping Name: Adhesive Glues, NOI 4620 Sub. 5  
DOT Hazard Class: Non-hazardous  
DOT Reportable Quantity: None

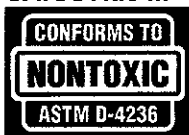
**United Nations Information**

U.N. Number: None  
U.N. Class: None

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### 15. REGULATORY INFORMATION

**TSCA:** All components are on the TSCA Inventory  
**FDA:** 21CFR175.105  
**SARA/Title III** Contains no substances at or above the reporting threshold under Section 313.

 Products bearing the Nontoxic Product Seal are certified in a program of toxicological evaluation by a nationally recognized toxicologist to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. These products are certified to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236. In addition, there is no physical hazard as defined within 29 CFR Part 1910.1200(c).

### 16. OTHER INFORMATION

#### Table of Abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>ANSI</b>	American National Standards Institute
<b>ASTM</b>	American Society for Testing Materials
<b>°C</b>	Degrees Centigrade
<b>CAS</b>	Chemical Abstract Service
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>CPR</b>	Controlled Products Regulations
<b>DOT</b>	Department of Transportation
<b>EPA</b>	Environmental Protection Agency
<b>°F</b>	Degrees Fahrenheit
<b>FDA</b>	Food & Drug Administration
<b>Hg</b>	Mercury
<b>HMIS</b>	Hazardous Materials Identification System
<b>IARC</b>	International Agency for Research on Cancer
<b>LD</b>	Lethal Dose
<b>mg / kg</b>	Milligram per kilogram
<b>mm</b>	Millimeter
<b>MSDS</b>	Material Safety Data Sheet
<b>MSHA</b>	Mine Safety and Health Administration
<b>N / A</b>	Not Applicable
<b>NFPA</b>	National Fire Protection Association
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>ppm</b>	Parts per million
<b>SARA</b>	Superfund Amendment and Reauthorization Act
<b>STEL</b>	Short-Term Exposure Limit
<b>TSCA</b>	Toxic Substances Control Act
<b>TWA</b>	Time - Weighted Average
<b>U.N.</b>	United Nations
<b>WHMIS</b>	Workplace Hazardous Materials Information System
<b>&gt;</b>	Greater Than
<b>&lt;</b>	Less Than

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**16. OTHER INFORMATION (Continued)**

**Creation Date:** 04/06/93  
**Revision Date:** 08/13/07  
**Technical Contact:** Frank Peters  
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Fresno, CA 93727  
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**Disclaimer**

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.