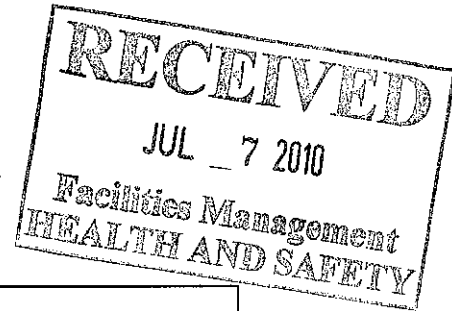


3767.



**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 ORIGINAL TACKY GLUE
Synonym Name(s): Water-Based Adhesive

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Family: Water based polymer emulsion
Component CAS Number Concentration %
None Hazardous

3. HAZARDS IDENTIFICATION

Emergency Overview Not considered as hazardous
Eye Contact: Slight / mild irritant
Skin Contact: Repeated or prolonged skin contact may result in mild irritation
Inhalation: Vapor may be an irritant to respiratory tract
Ingestion: Ingestion may cause irritation of the gastrointestinal tract

4. FIRST AID MEASURES

Eye Contact: Irrigate with eyewash solution or clean water until pain is relieved. Obtain medical attention.
Skin Contact: Wash skin with soap and water. If symptoms develop, obtain medical attention.
Inhalation: Remove to fresh air. Get medical attention if irritation persists.
Ingestion: Treat symptomatically and supportively. Get medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Autolignition Temperature: Not Available
Flash Point: > 212° F
Extinguisher Media: Water spray or fog, CO₂, Dry Chemical, Foam
Special Firefighting Procedures: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
Fire & Explosion Hazards: This is a water-based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low level of organic volatiles which may be emitted at elevated temperatures.
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, unknown hydrocarbons
Upper Explosive Limit (%): Not Applicable

Lower Explosive Limit (%): 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: Avoid extreme temperatures. Protect from freezing. This material should not be spilled, discharged, or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Ventilation Requirements: General
Eye Protection Requirements: Wear safety glasses with side shields. Protect against splashing.
Glove Requirements: The use of chemically resistant gloves is recommended.
Clothing Requirements: Uniforms, coveralls, or a lab coat should be worn. Rubber boots and apron should be worn if exposure is severe.
Change / Removal of Clothing: Remove contaminated clothing and launder before reuse.
Wash Requirements: Wash before eating, drinking, or using toilet facilities.
Respirator Requirements: None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Pure Material or Mixture: Mixture
Physical Form: Liquid
Color: White
Odor: Slight
Odor Threshold: Not Available
pH: Approximately 4.5
pH in 1% Solution: Not applicable
Oxidizing Properties: Not applicable
Boiling Point: > 212°F
Melting / Freezing Point: Approximately 32°F
Solubility in Water: Miscible
Partition Coefficient (n-octanol/water): Not applicable
Specific Gravity (Water = 1): 1.08
Bulk Density: 9.0 lb / gal
Evaporation Rate (Water = 1): 1

Vapor Pressure: 17.5 mm Hg @ 20°C (68°F)
Vapor Density (Air = 1): > 1.0
Volatiles: Approximately 50% / wt
Volatile Organic Compounds: Estimated to be 0.045 lb/gal
Autoignition Temperature: Not available
Flash Point: > 212°F

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10. STABILITY AND REACTIVITY

Stability: Stable
Materials to Avoid: Strong oxidizers, materials that react with water
Conditions to Avoid: Protect from temperatures below 40° F
NFPA Reactivity Hazard Class: 0 = Stable
Hazardous Polymerization: Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact; skin contact; inhalation; ingestion
Chronic (Long Term) Effects of Exposure: The toxicological properties of this product have not been fully evaluated.
Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not ingest or inhale.
Target Organs: Not applicable
Carcinogen: No
Product Toxicology Product Information: Unlikely to cause harmful effects under recommended conditions of handling and use.

12. ECOLOGICAL INFORMATION

Potential to Bioaccumulate: Unknown
Aquatic Toxicity: None Established

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Waste disposal should be in accordance with existing federal, state, or local legislation.
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

The information provided herein may not include the impact of additional regulatory requirements (e.g., for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

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15. REGULATORY INFORMATION

TSCA: All components are on the TSCA Inventory
FDA: 21CFR175.105
SARA/Title III: This product contains no substances at or above the reported threshold under Section 313, based on available data.

CALIFORNIA PROPOSITION 65

WARNING: This product contains the following chemicals that are known to the State of California to cause cancer, birth defects, or other reproductive harm:

Component	CAS Number
Formaldehyde (gas)	50-00-0

Unless a concentration is specified in Section 2 of the MSDS, the above chemical(s) are present in trace amounts.



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

ACGIH	American Conference of Governmental Industrial Hygienists
ANSI	American National Standards Institute
ASTM	American Society for Testing Materials
°C	Degrees Centigrade
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations
DOT	Department of Transportation
EPA	Environmental Protection Agency
°F	Degrees Fahrenheit
FDA	Food & Drug Administration
Hg	Mercury
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
LD	Lethal Dose
mg / kg	Milligram per kilogram
mm	Millimeter
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration

N / A	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
ppm	Parts per million
SARA	Superfund Amendment and Reauthorization Act
STEL	Short-Term Exposure Limit

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16. OTHER INFORMATION (Continued)

Table of Abbreviations (Continued)

TSCA	Toxic Substances Control Act
TWA	Time - Weighted Average
U.N.	United Nations
WHMIS	Workplace Hazardous Materials Information System
>	Greater Than
<	Less Than

Creation Date: 04/06/93
Revision Date: 05/24/05
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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.