



1. COMPANY AND PRODUCT IDENTIFICATION

iLoveToCreate
A Duncan Enterprises Company
5673 East Shields Avenue
Fresno, CA 93727
559-291-4444
559-291-9444 (Fax)

EMERGENCY TELEPHONE NUMBERS

Health Emergencies:
559-291-4444 7:00 am – 3:30 pm Pacific Std. 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 FABRIC STIFFENER & DRAPING LIQUID
Product Description: Water-Based Adhesive

2. HAZARDS IDENTIFICATION

HMIS Hazard Ratings for Product		Rating Scale:
Health	1	0 = Minimal
Flammability	0	1 = Slight
Reactivity	0	2 = Moderate
Personal Protection	See Section 8	3 = Serious
		4 = Severe
		* = Chronic Effects

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

3. COMPOSITION / INGREDIENT INFORMATION

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

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 symptoms persist.
Ingestion:	Treat symptomatically and supportively. Get medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

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5. FIRE FIGHTING MEASURES

Autoignition Temperature:	Not Available
Flash Point:	> 212° F
Upper Explosive Limit (%):	Not Applicable
Lower Explosive Limit (%):	Not Applicable
Extinguisher Media:	CO ₂ , Dry Chemical, Foam – Use extinguishing media appropriate for surrounding fire
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.
NFPA Flammability Hazard Class:	0 = Insignificant

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.
Ventilation Requirements:	General

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; 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.
Ventilation Requirements:	General

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9. PHYSICAL AND CHEMICAL PROPERTIES

Pure Material or Mixture:	Mixture
Physical Form:	Liquid
Appearance / Physical Description:	White liquid, slight sweet odor
pH:	4 - 5
Boiling Point:	> 100° C (> 212°F)
Melting / Freezing Point:	Approx. 0°C (32°F)
Odor Threshold:	Not Available
Solubility in Water:	Miscible
Partition Coefficient (n-octanol/water):	Not Applicable
Specific Gravity (Water = 1):	1.08
Bulk Density:	9.0 lb / gal
Volatiles:	Approx. 50% / wt
Vapor Pressure:	17.5 mm Hg @ 20°C (68°F)
Evaporation Rate (Water = 1):	1
Vapor Density (Air = 1):	0.62
Volatile Organic Compounds:	Estimated 0.045 lb/gal
Autoignition Temperature:	Unknown
Flash Point:	> 100° C (> 212°F)
Oxidizing Properties:	Not Applicable

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute (Short-Term) Effects of Exposure	
Route of Entry	Eye contact, skin contact, inhalation, ingestion
Acute Effects – Eye:	Slight, transient
Acute Effects – Skin Contact:	No known signs or symptoms associated with exposure to product
Acute Effects – Inhalation:	No known signs or symptoms associated with exposure to product
Acute Effects – Ingestion:	No known signs or symptoms associated with exposure to product

Chronic (Long-Term) Effects of Exposure	
Effect of Chronic 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. Product is unlikely to cause harmful effects under recommended conditions of handling and use.
Target Organs:	Not applicable
Carcinogenicity:	None

12. ECOLOGICAL INFORMATION

Potential to Bioaccumulate:	Unknown
Aquatic toxicity:	None established

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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

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.

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.



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).

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.

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

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16. OTHER INFORMATION (Continued)

Table of Abbreviations (Continued)	
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations
DOT	Department of Transportation
EPA	Environmental Protection Agency
°F	Degrees Fahrenheit
FDA	Food & Drug Administration
g / l	Grams per liter
DOT	Department of Transportation
EPA	Environmental Protection Agency
°F	Degrees Fahrenheit
FDA	Food & Drug Administration
g / l	Grams per liter
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
TSCA	Toxic Substances Control Act
TWA	Time - Weighted Average
U.N.	United Nations
WHMIS	Workplace Hazardous Materials Information System
>	Greater Than
<	Less Than

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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.