



**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 FUSION PERMANENT FABRIC ADHESIVE PEN  
**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**

**Eye Contact:** May cause eye irritation  
**Skin Contact:** Repeated or prolonged skin contact may result in mild irritation  
**Inhalation:** Irritating and/or toxic vapors may be released at elevated temperatures. Avoid breathing vapors or mists.  
**Ingestion:** Ingestion may cause irritation of the gastrointestinal tract

**3. COMPOSITION / INGREDIENT INFORMATION**

**Chemical Family:** Water solution of soluble polymers  
**Component CAS Number Concentration %**  
 None classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200)

**4. FIRST AID MEASURES**

**Eye Contact:** Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. If symptoms develop, 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:** DO NOT induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Get prompt medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

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### 5. FIRE FIGHTING MEASURES

<b>Autoignition Temperature:</b>	Not Available
<b>Flash Point:</b>	Not Applicable
<b>Upper Explosive Limit (%):</b>	Not Applicable
<b>Lower Explosive Limit (%):</b>	Not Applicable
<b>Extinguisher Media:</b>	CO <sub>2</sub> , Dry Chemical, Foam – Use extinguishing media appropriate for surrounding fire
<b>Special Firefighting Procedures:</b>	Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Dry polymer film will burn.
<b>Fire &amp; Explosion Hazards:</b>	Dry polymer film will burn. Combustion will evolve toxic and irritant vapors.
<b>NFPA Flammability Hazard Class:</b>	0 = Insignificant

### 6. ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** No smoking, flames or flares in hazard area. Keep unnecessary people away; isolate hazard area and deny entry. Avoid contact. Use suitable protective clothing. Provided it is safe to do so, isolate the source of the leak. Do not allow to enter drains, sewers, or watercourses. Absorb spillages onto sand, earth or any suitable absorbent material. Scrape up and place in suitably labeled container for disposal. Disposal should be in accordance with local, state or national legislation.

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

### 7. HANDLING AND STORAGE

<b>Storage Temperature:</b>	40° - 100°F
<b>Handling / Storage:</b>	Protect from freezing; keep container sealed when not in use
<b>Special Sensitivity:</b>	Avoid excessive heat; protect from freezing

### 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<b>Conditions Under Which Personal Protective Equipment Required:</b>	Normal work conditions, maintenance / repair
<b>Eye Protection Requirements:</b>	Wear safety glasses with side shields; protect against splashing
<b>Glove Requirements:</b>	Impervious neoprene or rubber gloves are recommended.
<b>Clothing Requirements:</b>	Wear protective clothing to comply with good occupational hygiene practice.
<b>Change / Removal of Clothing:</b>	Remove contaminated clothing and launder before reuse.
<b>Wash Requirements:</b>	Wash before eating, drinking, or using toilet facilities.
<b>Respirator Requirements:</b>	Avoid prolonged or repeated breathing of vapor or mists. If exposure may or does exceed occupational exposure limits, use a NIOSH approved respirator to prevent overexposure.
<b>Ventilation Requirements:</b>	Use in a well-ventilated area.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Pure Material or Mixture:</b>	Mixture
<b>Physical Form:</b>	Liquid
<b>Appearance / Physical Description:</b>	Off-white liquid, ammonia odor
<b>pH:</b>	9.0
<b>Boiling Point:</b>	> 100° C (> 212°F)
<b>Melting / Freezing Point:</b>	Approx. 0°C (32°F)
<b>Odor Threshold:</b>	Not Available
<b>Solubility in Water:</b>	Miscible
<b>Partition Coefficient (n-octanol/water):</b>	Not Applicable
<b>Specific Gravity (Water = 1):</b>	1.03
<b>Bulk Density:</b>	8.6 lb / gal
<b>Volatiles:</b>	63.5% / wt
<b>Vapor Pressure:</b>	Not applicable
<b>Evaporation Rate (Water = 1):</b>	Not applicable
<b>Vapor Density (Air = 1):</b>	0.62
<b>Volatile Organic Compounds:</b>	170 grams per liter
<b>Autoignition Temperature:</b>	Not Available
<b>Flash Point:</b>	Not Applicable
<b>Oxidizing Properties:</b>	Not Applicable

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Stability Detail:</b>	Stable
<b>Materials to Avoid:</b>	Strong acids, strong bases
<b>Conditions to Avoid:</b>	Elevated temperatures
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, carbon dioxide, unknown hydrocarbons
<b>Hazardous Polymerization:</b>	Will not occur

**11. TOXICOLOGICAL INFORMATION**

**Acute (Short-Term) Effects of Exposure**

<b>Route of Entry</b>	Eye contact, skin contact, inhalation, ingestion
<b>Product Toxicology</b>	
<b>Product Information:</b>	Low acute toxicity under normal conditions of handling and use
<b>Irritant Properties:</b>	May cause irritation to skin, eyes, and respiratory system.

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

<b>Target Organs:</b>	Eyes, skin
<b>Carcinogen:</b>	<b>IARC, NTP, OSHA Substance Specific Regulation:</b> There is no evidence that this product poses a carcinogenic risk under normal conditions of handling and use.

**12. ECOLOGICAL INFORMATION**

<b>Potential Effect on Environment:</b>	Do not allow to enter drains, sewers or watercourses
<b>Mobility:</b>	This product is soluble in water
<b>Potential to Bioaccumulate:</b>	Unknown
<b>Aquatic toxicity:</b>	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 SDS and label warnings even after they have been emptied.

**14. TRANSPORT INFORMATION**

U.S. Department of Transportation Information	
<b>DOT Shipping Name:</b>	Adhesive Glues, NOI 4620 Sub. 5
<b>DOT Hazard Class:</b>	Non-hazardous
<b>DOT Reportable Quantity:</b>	None

United Nations Information	
<b>U.N. Number:</b>	None
<b>U.N. Class:</b>	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**

<b>TSCA:</b>	This product is manufactured in compliance with all provisions of the Toxic Substances Control Act, 15 U.S.C. 2601 et. seq.				
<b>FDA:</b>	21CFR175.105				
<b>SARA/Title III:</b>	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).				
<b>CALIFORNIA PROPOSITION 65</b>					
<b>WARNING:</b> This product contains the following chemicals that are known to the State of California to cause cancer, birth defects, or other reproductive harm:					
<table border="1"> <thead> <tr> <th>Component</th> <th>CAS Number</th> </tr> </thead> <tbody> <tr> <td>None Reportable</td> <td></td> </tr> </tbody> </table>	Component	CAS Number	None Reportable		
Component	CAS Number				
None Reportable					
Unless a concentration is specified in Section 2 of the SDS, the above chemical(s) are present in trace amounts.					

**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

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**16. OTHER INFORMATION (Continued)**

<b>Table of Abbreviations (Continued)</b>	
<b>CFR</b>	Code of Federal Regulations
<b>CPR</b>	Controlled Products Regulations
<b>DOT</b>	Department of Transportation
<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>g / l</b>	Grams per liter
<b>DOT</b>	Department of Transportation
<b>EPA</b>	Environmental Protection Agency
<b>°F</b>	Degrees Fahrenheit
<b>FDA</b>	Food & Drug Administration
<b>g / l</b>	Grams per liter
<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>SDS</b>	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

<b>Creation Date:</b>	01/04/07
<b>Revision Date:</b>	01/17/13
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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.**