



**1. COMPANY AND PRODUCT IDENTIFICATION**

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

**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

32137 – 2oz
23473 – 4oz
25042 – 8oz
25219 – Single Pen
28070 – 2pk Pens
32140 – Trial 3pk

**Product Description/Use:**

Water-Based Polyurethane Adhesive

**Restrictions On Use:**

None known

**2. HAZARDS IDENTIFICATION**

<b>Physical State</b>	Liquid
<b>Appearance</b>	Off-white liquid
<b>Emergency Overview</b>	Low hazard under normal conditions.
<b>OSHA regulatory status</b>	This product is not hazardous according to OSHA 29CFR 1910. 1200.
<b>Potential health effects</b>	
<b>Eyes</b>	Direct contact with eyes may cause temporary irritation.
<b>Skin</b>	Health injuries are not known or expected under normal use.
<b>Inhalation</b>	Health injuries are not known or expected under normal use.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.

HMIS Hazard Rating 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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Detailed formulation is submitted by the client and it is proprietary information.**

Products are made by physical manipulation and chemical reaction from the ingredients. These ingredient chemicals may not exist as its original formula in final products. None of these ingredients are hazardous substances.

<b>Chemical Family:</b>	Water solution of soluble polymers.	
<b>Components:</b>	<b>Cas Number</b>	<b>Concentration %</b>
None classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910. 1200)		

#### 4. FIRST AID MEASURES

<b>Eye Contact:</b>	Flush immediately with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. If symptoms develop, obtain medical attention.
<b>Skin Contact:</b>	Wash skin with soap and water. Seek medical attention if symptoms develop or persist.
<b>Inhalation:</b>	Seek fresh air. Get medical attention if irritation or symptoms persists.
<b>Ingestion:</b>	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.

#### 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>	Not Applicable
<b>Special Firefighting Procedures:</b>	CO <sub>2</sub> , Dry Chemical, Foam—Use Extinguisher media appropriate for surrounding fire.
<b>Fire &amp; Explosion Hazards:</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>NFPA Flammability Hazard Class:</b>	0 = Insignificant.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Spill or Leak Procedures:</b>	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 spillage 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 nation's legislation.
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For safety and environmental precautions, please review entire Safety Data Sheets 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Pure Material Or Mixture:</b>	Mixture
<b>Physical Form:</b>	Liquid
<b>Odor:</b>	Ammonia
<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>	.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.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Alkalis.

## 11. TOXICOLOGICAL INFORMATION

<b>Route of Entry:</b>	Eye contact, skin contact, inhalant, ingestion.
<b>Product Carcinogenicity:</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<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.

## 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.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste disposal methods:</b>	Waste disposal should be in accordance with existing Federal, State, and Local environmental regulations.
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<b>Empty Containers Warnings:</b>	Empty containers may contain produce residue; follow SDS and label warnings even after they have been emptied.
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#### 14. TRANSPORT INFORMATION

##### U.S. Department of Transportation Information

<b>DOT Shipping Name:</b>	<b>Not regulated as dangerous goods.</b>
<b>DOT Hazard Class:</b>	<b>Non-Hazardous</b>
<b>DOT Reportable Quantity:</b>	<b>None</b>

##### United Nations Information

<b>U.N. Number</b>	<b>None</b>
<b>U.N. Class</b>	<b>None</b>

The information provided herein may not include the impact of additional regulatory requirements (e.g., for materials meeting the definition of 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.
<b>Conforms to Non-Toxic ASTM-4236:</b>	Products bearing the Nontoxic Products 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 20=9 CFR Part 1910.1200(c).
<b>California Proposition 65 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: <b>None.</b>

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 & 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>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 Protections 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

This recommendations and information contained in this MSDS have been compiled from sources believed to represent the most current information available when the MSDS was prepared. However, the manufacturer / distributor of this product does not provide any warranty, guaranty of representation as to the correctness or sufficient of this information. If this material is used in large amounts and/or an unusual manner, the user is obliged to determine what safety measures are appropriate, including the applicable and relevant workplace and environmental regulations pertaining to handling, use and disposal.

Creation Date: January 4, 2007	Version: 2	Revision date: December 30, 2015
	Version 3	January 28, 2016 (sp)

**END SAFETY DATA SHEET**