

4103.

Duncan**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 703-527-3887	U.S. and Canada Outside U.S. and Canada (Collect)

Product Name: **ALEENE'S TACKY GLUE FAST DRYING PEN**
Synonym Name(s): Water-Based Adhesive Pen**2. COMPOSITION / INFORMATION ON INGREDIENTS**

The ingredients in this formulation are a trade secret. All ingredients in the formula are non-hazardous, unless specified in Sections 3 and 15.

3. HAZARDS IDENTIFICATION**HMIS Hazard Ratings for Product**

Health:	1	0 = Minimal
Flammability:	0	1 = Slight
Reactivity:	0	2 = Moderate
Personal Protection:	See Section 8	3 = Serious
		4 = Severe
		* = Chronic Effects

No Hazardous Ingredients

4. FIRST AID MEASURES

Eye Contact: Flush eyes with large amounts of water until irritation subsides. Consult a physician if irritation persists.

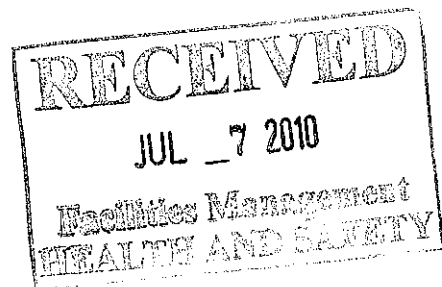
Skin Contact: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

Inhalation: Move subject to fresh air.

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 ₂ , Dry Chemical, Foam – Use extinguishing media appropriate for surrounding fire
Special Firefighting Procedures:	Not Applicable



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5. FIRE FIGHTING MEASURES (Continued)

Unusual Fire & Explosion Hazards: Product will not burn but may spatter. Dry film may burn and give

off oxides of carbon.

NFPA Flammability Hazard Class: 0 = Insignificant

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Spills should be taken up with suitable absorbent material and placed in containers. Spill areas can be washed with water; collect wash water for approved disposal. Do not flush to storm sewer or waterway.

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

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: None

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:

White; slight sour odor

Odor Threshold:

Not Available

pH:

6 - 8

Boiling Point:

> 212°F

Melting / Freezing Point:

< 32°F

Solubility in Water:

Miscible

Partition Coefficient (n-octanol/water):

Not Applicable

Specific Gravity (Water = 1):

1.02 - 1.10

Bulk Density:

8.5 - 9.2 lb / gal

Volatiles:

> 50% / wt

Evaporation Rate (Water = 1):

1

Vapor Pressure:

17.5 mm Hg @ 20°C (68°F)

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9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

Vapor Density (Air = 1):	0.62
Volatile Organic Compounds:	< 0.1% / wt
Autoignition Temperature:	Unknown
Flash Point:	Not Applicable
Oxidizing Properties:	Not Applicable

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibilities:	Strong acids and alkalis
Conditions to Avoid:	N/A
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Short – Term Effects of Exposure

Route of Entry	
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

Long – Term Effects of Exposure

Effect of Chronic Exposure:	This product should be considered non – hazardous and has no known chronic effects.
Target Organs:	Not applicable
Carcinogenicity	None

12. ECOLOGICAL INFORMATION

No Applicable Data

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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16. OTHER INFORMATION (Continued)

Creation Date: 11/7/06
Revision Date: 8/13/07
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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.