



Safety Data Sheet

1. COMPANY AND PRODUCT IDENTIFICATION

Duncan Enterprises
 5673 East Shields Avenue
 Fresno, CA 93727
 559-291-4444
 559-291-9444 (Fax)
 www.duncan.com
 www.aleenes.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
Product use/description: Permanent, water-based polyurethane adhesive
Item numbers:
0.66 oz.:
 32140, 40646 (3 pks), 40856 (18 piece), 35051, Component of 29264 (Fabric Tacky 3 pk)
2 oz.:
 32137 and 38899 (2 oz. needle nose), 40644 (2 oz. 3 pk)
 23473 (4 oz.), 39025 (4 oz. 3 pk)
 35184 (5 oz.)
 25042 (8 oz.)
 25219 (pen), 28070 (pen 2 pk), 40670 (dual-ended pen)
 38769 (8 oz. spray pump), 44074 (4 oz. spray pump)

Not intended for: Unknown

2. HAZARDS IDENTIFICATION

Classification (GHS):	This mixture does not meet the criteria for classification.
Health and physical hazard statement(s):	None
Other hazards not classified:	None
Signal word:	None
Precautionary statement(s):	None
Pictogram(s) by GHS:	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Detailed formulation is submitted by the client and it is proprietary information.
 Reportable ingredients (if applicable):

<u>Identity/Synonym</u>	<u>CAS Number:</u>	<u>Percentage/Range*:</u>
Propylene glycol	57-55-6	1 - <6%

*The exact percentage (concentration) of composition is withheld as a trade secret.

4. FIRST AID MEASURES

General advice:	Not expected to be a hazard under normal conditions of use
On inhalation:	Seek fresh air. Get medical attention if irritation or symptoms persist.
On skin contact:	Wash skin with soap and water. Seek medical attention if symptoms develop or persist.
On eye contact:	Flush immediately with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. If symptoms develop, obtain medical attention.
On 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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Acute/delayed symptoms:	None known
Medical advice:	Treat symptomatically
Note to physician:	No further relevant information is available.

5. FIREFIGHTING MEASURES

Extinguishing Media	
Suitable extinguishing media:	CO2, dry chemical, foam — use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media:	Not known
Protection of Firefighters	
Specific hazards arising from the chemical:	Dry polymer film will burn.
Protective equipment for firefighters:	Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
Special procedures/equipment for firefighters:	No further relevant data is available.
Hazardous combustion products:	Combustion will evolve toxic and irritant vapors.

6. ACCIDENTAL RELEASE MEASURES

Emergency containment procedures:	No smoking, flames or flares in hazard area. Keep unnecessary people away; isolate hazard area and deny entry. Avoid contact.
Environmental precautions, if any:	Do not allow to enter drains, sewers, or watercourses.
Methods for cleaning up:	Provided it is safe to do so, isolate the source of the leak. 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 national legislation.
Personal protective equipment:	Use suitable protective clothing. Also see Section 8 for PPE.

7. HANDLING AND STORAGE

Safe storage:	40° - 100°F
Safe handling:	Protect from freezing; keep container sealed when not in use.
Known incompatibilities:	Avoid excessive heat; protect from freezing.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure Limits: No exposure limits noted for ingredient(s).

<u>Chemical name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH REL</u>
-	-	-	-

Appropriate engineering controls: individual protection measures, such as PPE (Personal Protective Equipment): No special requirements under ordinary conditions of use and with adequate ventilation.

Personal Protection Equipment:	
Respiratory protection:	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.



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Eye protection:	Wear safety glasses with side shields; protect against splashing.
Hand protection:	Impervious neoprene or rubber gloves are recommended.
Skin protection:	Wear protective clothing to comply with good occupational hygiene practice.
Thermal protection:	No data
General safety and hygiene measures:	Good personal hygiene practices are always advisable, especially when working with chemicals.
Further information:	Remove contaminated clothing and launder before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state/appearance:	Liquid
Color:	Off white
Odor:	Ammonia
Odor threshold:	Not available
pH:	9.0
Boiling point/range:	> 100° C (212° F)
Melting point/range:	Approx. 0° C (32° F)
Flash point:	Not applicable
Evaporation rate:	Not applicable
Vapor density:	0.62
Solubility(ies):	Miscible
Vapor pressure:	Not applicable
Relative density:	No data
Specific gravity (water=1):	1.03
Viscosity:	No data
Partition coefficient (n-octanol/water), if applicable:	Not applicable
Explosive properties:	No data
Flammability: (solid, gas)	No data
Flammability limit in air: upper/lower	No data
Autoignition temperature:	No data
Decomposition temperature:	No data

10. STABILITY AND REACTIVITY

Chemical stability:	Stable
Conditions to avoid:	Elevated temperatures
Incompatible materials:	Strong oxidizing agents, alkalis
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, unknown hydrocarbons
Possibility of hazardous reactions/polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact – serious eye damage or irritation	No further relevant data is available.
Skin contact – skin corrosion, sensitization or irritation:	No further relevant data is available.
Ingestion – carcinogenicity/aspiration	No further relevant data is available.



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hazard:			
Inhalation – respiratory sensitization/toxicity:	No further relevant data is available.		
Symptoms of exposure:	May cause irritation to skin, eyes and respiratory system.		
Information on toxicological effects:	Low acute toxicity under normal conditions of handling and use.		
Delayed or immediate effects:	No further relevant data is available.		
Germ cell mutagenicity:	No data		
Specific target organ toxicity (single exposure):	No data		
Specific target organ toxicity (repeated exposure):	No data		
Chemicals listed on NTP, IARC or OSHA as a Carcinogen:	This product is not considered a carcinogen by IARC, ACGIH, NTP or OSHA.		
Chemical Name:	Oral LD50	Dermal LD50.	Inhalation LC50
Propylene glycol	22gm/kg (22000mg/kg) dog 18350mg/kg (18350mg/kg) guinea pig 22gm/kg (22000mg/kg) mouse 20gm/kg (20000mg/kg) rat > 2080mg/kg (2080mg/kg) quail 18500mg/kg (18500mg/kg) rabbit	20800mg/kg (20800mg/kg) rabbit	-

*Estimates for product may be based on additional component data not shown.

12. ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity:	Not expected to be harmful to aquatic organisms.
Persistence and degradability:	No data
Bioaccumulative potential:	No data
Mobility in soil:	This product is soluble in water.
Other adverse effects:	No data

13. DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal instructions:	Waste disposal should be in accordance with existing federal, state, and local environmental regulations.
Local disposal regulations:	See above.
EPA waste code(s):	No data
Contaminated packaging:	Empty containers may contain produce residue; follow SDS and label warnings even after they have been emptied.

14. TRANSPORTATION INFORMATION (NON-MANDATORY)

	DOT	IMDG	IATA
UN/ID number:	Not regulated	Not regulated	Not regulated
Proper shipping name:	-	-	-
Transport hazard class:	-	-	-
Packing group (if applicable):	-	-	-
Environmental provisions:	-	-	-
Special precautions in transport:	No data		
Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code	No data		



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Emergency Response Guide Number: No data	EmS-No: No data
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Pictograms		
<u>US:</u> -	<u>IATA: IMDG:</u> -	<u>Marine Pollutant:</u> -

15. REGULATORY INFORMATION (NON-MANDATORY)

U.S. Federal Regulations:					
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):		This product is manufactured in compliance with all provisions of the Toxic Substance Control Act, 15 U.S. C.2601 et. Seq.			
CERCLA (Superfund) reportable quantity (lbs.) (40 CFR 302.4)		No known reportable CERCLA chemicals			
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):		No OSHA Specifically Regulated Substances in this formulation.			
Section 302 (EHS) Extremely Hazardous Substance (40 CFR 355, Appendix A):		No known Section 302 EHS chemicals			
Chemical Name:	CAS Number:	Reportable Quantity:	Threshold planning quantity:	Threshold planning quantity, lower value:	Threshold planning quantity, upper value:
None	X	X	X	X	X
Superfund Amendments and Reauthorization Act of 1986 (SARA)					
SARA/Title III:		This product does not contain any substances at or above the reported threshold under Section 313, based on available data.			
SARA 304 Emergency release notification:		No chemicals subject to notification			
SARA 311/312 (40 CFR 370) Hazardous Chemical:		No data			
SARA 313 (TRI reporting):		<u>Chemical Name:</u> None	<u>CAS Number:</u> -	<u>% by wt.</u> -	
Drug Enforcement Administration (DEA) (21 CFR 1308.11-15):		No data			
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (Haps) List:		No known CAA Section 112 chemicals			
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):		Not applicable			
Safe Drinking Water Act (SDWA):		No data			
Canadian Domestic Substances List (DSL):		Listed on the Canadian Ingredient Disclosure List: No data. WHMIS Classification: No data.			
Toxicological review:		Our products are certified by a nationally recognized toxicologist to contain no materials in sufficient quantities to be toxic, cause injury, acute or chronic health problems to humans. Products are labeled in accordance with all applicable state and federal regulations including, but not limited to, consumer product safety standards.			
California Proposition 65 Warning:		No special warning required under the provisions of California Proposition 65.			
EPA Clean Air / Water Act:		No data			
EPA Hazardous Wastes:		No known EPA hazardous chemicals.			
HMIS III Rating:		Health-1, Flammability-0, Reactivity-0, Personal protection-see section 8.			
Unless a concentration is specified in Section 2 of the SDS, the above chemical(s) are present in trace amounts.					

***A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).**



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16. OTHER INFORMATION

The recommendations and information contained in this SDS are compiled from sources believed to represent the most current information available. The manufacturer / distributor of this product does not provide any warranty, guaranty of representation as to the correctness or sufficiency 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.

Table of Abbreviations

ACGIH:	American Conference of Governmental Industrial Hygienists	LD:	Lethal Dose
ANSI:	American National Standards Institute	MARPOL:	Marine Pollution
ASTM:	American Society for Testing Materials	mg / kg:	Milligram per Kilogram
°C:	Degrees Centigrade	mm:	Millimeter
CAA:	Clean Air Act	MSHA:	Mine Safety and Health Administration
CAS:	Chemical Abstract Service	N/A:	Not Applicable
CERCLA:	Comprehensive Environmental Response, Compensation & Liability Act	NFPA:	National Fire Protections Association
CFR:	Code of Federal Regulations	NIOSH:	National Institute for Occupational Safety and Health
CPR:	Controlled Products Regulations	NTP:	National Toxicology Program
DEA:	Drug Enforcement Act	OEL:	Over Exposure Limit
DOT:	Department of Transportation	OSHA:	Occupational Safety and Health Administration
DSL:	Canadian Domestic Substances List	PEL:	Permissible Exposure Limits
EmS:	Emergency Medical Goods Services	ppm:	Parts Per Million
EPA:	Environmental Protection Agency	SARA:	Superfund Amendment and Reauthorization Act
°F:	Degrees Fahrenheit	STEL:	Short-Term Exposure Limit
FDA:	Food & Drug Administration	SDS:	Safety Data Sheet
g/l:	Grams per Liter	SDWA:	Safe Drinking Water Act
HAPs:	Hazardous Air Pollutants	TLV:	Threshold Limit Value
Hg:	Mercury	TRI:	Toxics Release Inventory
HMIS:	Hazardous Materials Identification System	TSCA:	Toxic Substances Control Act
HNOC:	Hazard(s) Not otherwise classified	TWA:	Time – Weighted Average
IARC:	International Agency for Research on Cancer	U.N.	United Nations
IATA:	International Air Transport Association	WHMIS:	Workplace Hazardous Materials Information System
ID:	Identification / Identity	>	Greater Than
IDLH:	Immediate Danger to Life or Health	<	Less Than
IMDG:	International Maritime Dangerous Goods	73/78:	1973 & 1978
LC:	Lethal Concentration		

Version:	Date:
1	Created: 1/4/2007
2	12/30/2015 - JL
3	1/28/2016 - sp
4	2/22/2018 – sp
5	1/30/2019 sh
6	6/10/2020 - sp

END SAFETY DATA SHEET