

83514-1006



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.tulipcolor.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: Tulip Fabric Paint Daubers
Product Description: Non-toxic fabric paint
Colors: Red, Blue, Black, White, Gold, Silver
Product Use / Restrictions: For use with fabric crafting / no known restrictions

2. HAZARDS IDENTIFICATION

Classification (GHS):	This product does not meet the criteria for classification.
Health & Physical Hazard Statement(s):	Not applicable.
Other Hazards not classified:	Not applicable.
Signal Word:	Not applicable.
Precautionary Statement(s):	Not applicable.
Pictogram(s) by GHS:	Not applicable.

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	1-5%
Carbon Black	1333-86-4	< 3%
Titanium Dioxide	13463-67-7	< 3%

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

4. FIRST AID MEASURES

On Inhalation:	Move to fresh air. If irritation persists, consult a physician.
On Skin Contact:	Wash hands thoroughly with cold water. If irritation persists, consult a physician.
On Eye Contact:	Flush eyes with cool water for 15 minutes. If irritation persists, consult a physician.
On Ingestion:	Rinse mouth immediately with water and drink plenty of water. If irritation persists, consult a physician.
Acute/Delayed Symptoms:	None
Medical Advice:	Treat symptomatically.
Note to Physician:	Formula is non-toxic.

5. FIRE FIGHTING MEASURES

Extinguishing Media	
Suitable extinguishing media:	Use extinguishing media appropriate to the local circumstances and surrounding environment.
Unsuitable extinguishing	None



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media:	
Protection of Firefighters	
Specific hazards arising from the chemical:	Carbon Oxides
Special procedures/equipment for firefighters:	Standard full protective firefighting gear with self-contained breathing apparatus should be used.
Hazardous combustion Products:	None

6. ACCIDENTAL RELEASE MEASURES

Emergency Containment procedures:	Remove sources of ignition. Avoid sparks, flames, heat and smoking.
Environmental Precautions, if any:	Do not allow to enter drains, sewer or water course.
Methods for Cleaning Up:	Clean up in accordance with all applicable regulations. Use inert, absorbent materials to soak up spillage. Transfer to properly labeled containers.
Personal Protective Equipment:	Ventilate and avoid contact with skin and eyes. Wear protective clothing.

7. HANDLING AND STORAGE

Safe Storage:	Store in containers with a tight lid. Store in a cool, dry and well-ventilated location.
Safe Handling:	Handle per good industry practices. Avoid contact with skin, eyes and clothing.
Known Incompatibilities:	None

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure Limits:

<u>Chemical name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH REL</u>
Carbon Black	3.5 mg/m ³ TWA (inhalable particulate matter)	TWA 3.5 mg/m ³	TWA 3.5 mg/m ³ Ca TWA 0.1 mg
Titanium Dioxide	10 mg/m ³ TWA; Appendix A4 - Not Classifiable as a Human Carcinogen	15 mg/m ³ TWA	5,000 mg/m ³

Appropriate Engineering Controls: Individual Protection measures, such as PPE (Personal Protective Equipment): Showers, eyewash stations and ventilation systems.

Personal Protection Equipment:	
Respiratory Protection:	If irritation is experienced, NIOSH/MSHA respirator systems should be worn. Respirator must meet all local regulations and requirements.
Eye Protection:	No specific protection required.
Hand Protection:	No specific protection required.
Skin Protection:	No specific protection required.
General Safety and Hygiene Measures:	Wash hands before breaks and after work completion. Remove and wash contaminated clothing before re-wearing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:	Liquid
Color:	Varies



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Odor:	Mild
Odor Threshold:	No data
pH:	8 – 8.5
Boiling Point/Range:	100 ³ C
Melting Point/Range:	Not applicable (aqueous system)
Flash Point:	Not applicable (aqueous system)
Evaporation Rate:	Slower than Butyl Acetate (Butyl Acetate =1)
Vapor Density:	<1
Solubility(ies):	Soluble in water
Vapor Pressure:	Same as water.
Relative Density:	No information available.
Specific Gravity (Water=1):	1.1
Viscosity:	No data
Partition Coefficient (n-octanol/water), if applicable:	No data
Explosive Properties:	Not applicable (aqueous system)
Flammability: (Solid, gas)	Not applicable (aqueous system)
Flammability Limit in Air Upper/Lower	Not applicable (aqueous system)
Autoignition temperature:	Not applicable (aqueous system)
Decomposition temperature:	Not applicable (aqueous system)

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of use.
Conditions to Avoid:	Do not allow to freeze.
Incompatible Materials:	Strong acids and bases
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, and formaldehyde.
Possibility of Hazardous Reactions/Polymerization:	No data

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye Contact –Serious Eye Damage or Irritation	No known effects
Skin Contact – Skin Corrosion, Sensitization or Irritation:	No known effects
Ingestion – Carcinogenicity/Aspiration Hazard:	No known effects
Inhalation – Respiratory Sensitization/Toxicity:	No known effects
Symptoms of exposure:	No data
Information on toxicological effects:	No data
Delayed or Immediate effects:	No known effects
Germ Cell Mutagenicity:	No data
Specific target organ toxicity (single exposure):	No data



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Specific target organ toxicity (repeated exposure):	No data		
Chemicals listed on NTP, IARC or OSHA as a Carcinogen:	IARC: Carbon black, 2B, volume 65, 93 2010, Titanium Dioxide 2B, volume 47,93 2010		
Chemical Name:	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol	2gm/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	No findings
Carbon Black	> 15400mg/kg (15400mg/kg) rat	> 3gm/kg (3000mg/kg) rabbit	No findings

12. ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity:	No data
Persistence and degradability:	Polymer is not biodegradable
Bioaccumulative potential:	Not toxic to fish or plants
Mobility in soil:	No data
Other adverse effects:	Does not inhibit bacteria in waste treatment facilities.

13. DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal instructions:	Dispose of following local and federal regulations.
Local disposal regulations:	See above.
EPA waste code(s):	No data
Contaminated packaging:	No data.

14. TRANSPORTATION INFORMATION (NON-MANDATORY)

	DOT	IMDG	IATA
UN/ID number:	Not regulated	Not regulated	Not regulated
Proper shipping name:	N/A	N/A	N/A
Transport hazard class:	N/A	N/A	N/A
Packing group (if applicable):	N/A	N/A	N/A
Environmental Provisions:	N/A	N/A	N/A
Special Precautions in transport:	N/A		
Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code		N/A	
Emergency Response Guide Number:	N/A	EmS-No:	N/A

Pictograms		
US:	IATA; IMDG:	Marine Pollutant:
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15. REGULATORY INFORMATION (NON-MANDATORY)

US Federal Regulations:	
TSCA Section 12(b) Export Notification (40)	This product is manufactured in compliance with all provisions of the



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CFR 707, Subpt. D):		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):		OSHA Specifically Regulated Substances are listed in Section 8 of SDS, Occupational exposure limits.			
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. OR list substances with category code.			
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):		No data			
Toxicological Review:		Our products 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 warnings 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:		No data.			

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 when the SDS was prepared. However, the manufacturer / distributor of this product do 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		

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END SAFETY DATA SHEET