



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: Duncan Artisan Glazes
Product Use/Description: Non-Toxic Ceramic Glaze
Not intended for: No data.

2. HAZARDS IDENTIFICATION

Classification:	This mixture does not meet the criteria for classification.
Health & Physical Hazard Statement:	No data.
Other Hazards not classified:	None.
Signal Word:	None. Product is not hazardous under normal conditions of use.
Precautionary Statement:	None
Pictogram(s) by GHS:	None

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.
Reportable ingredients (if applicable): This mixture does not meet the criteria for classification.

4. FIRST AID MEASURES

General Advice:	Always practice good personal hygiene. Do not eat, drink, or smoke when using this product.
On Inhalation:	Seek fresh air. Consult a physician if symptoms develop or persist.
On Skin Contact:	Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.
On Eye Contact:	Flush eyes with large amounts of water until irritation subsides. Consult a physician if irritation occurs or persists.
On Ingestion:	If swallowed, give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.
Acute/Delayed Symptoms:	None listed/
Medical Advice:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media:	CO ₂ , dry chemical, foam. Use fire extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media:	None, product is not flammable.
Protection of Firefighters	
Specific hazards arising from the chemical:	None.
Protective equipment for firefighters:	See section 8 of this SDS.
Will hazardous combustion occur?	Will not occur.

6. ACCIDENTAL RELEASE MEASURES

Emergency Containment procedures:	None.
Environmental Precautions, if any?:	Non-hazardous.
Methods for Cleaning Up:	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 store sewer or waterway.
Personal Protective Equipment:	See section 8 of this SDS.

7. HANDLING AND STORAGE

Safe Storage:	Store between 40° - 100°F
Safe Handling:	Protect from freezing; keep container sealed when not in use.
Known Incompatibilities:	None known.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Occupational Exposure Limits: This mixture does not meet the criteria for classification.

Appropriate Engineering Controls: Always practice good personal hygiene. Do not eat, drink, or smoke when using this product.

Individual Protection measures, such as PPE (Personal Protective Equipment):

Personal Protection Equipment:	
Respiratory Protection:	NIOSH approved respirator for sprats and mists recommended if using a sprayer.
Eye Protection:	Wear safety glasses with side shield; protect against splashing.
Hand Protection:	Gloves not normally required for foreseeable conditions of use.
Skin Protection:	Protective clothing is normally not necessary for foreseeable conditions of use.
Thermal Protection:	No data.
General Safety and Hygiene Measures:	Under normal working conditions, no extra PPE required.
Further Information:	No data.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:	Liquid
Color:	Colored
Odor:	No data.
Odor Threshold:	No data.
pH:	7 – 10
Boiling Point/Range:	212°F
Melting Point/Range:	1832°F (1000°C)

Flash Point:	N/A
Evaporation Rate:	(Water=1) 1.3 – 1.8
Vapor Density:	No data.
Solubility(ies):	Miscible in water.
Vapor Pressure:	17.5 mm Hg @ 20°C (68°F)
Relative Density:	No data.
Viscosity:	No data.
Partition Coefficient (n-octanol/water), if applicable:	No data.
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 under normal conditions.
Conditions to Avoid:	No data.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	Avoid fumes when firing.
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 known signs or symptoms associated with exposure to product.			
Skin Contact – Skin Corrosion, Sensitization or Irritation:	No known signs or symptoms associated with exposure to product.			
Ingestion – Carcinogenicity/Aspiration Hazard:	No known signs or symptoms associated with exposure to product.			
Inhalation – Respiratory Sensitization/Toxicity:	No known signs or symptoms associated with exposure to product.			
Symptoms of exposure:	Slight, transient when in contact with eyes.			
Information on toxicological effects:	No data.			
Delayed or Immediate effects:	This product should be considered non-hazardous and has no known chronic effects.			
Germ Cell Mutagenicity:	No data.			
Specific target organ toxicity (single exposure):	N/A			
Specific target organ toxicity (repeated exposure):	N/A			
Chemicals listed on NTP, IARC or OSHA as a Carcinogen?:	None listed.			
Chemical Name: None	Oral LD50 -	Dermal LD50 -	Inhalation LC50 -	Percentage -

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

12. ECOLOGICAL INFORMATION (NON-MANDATORY)

Ecotoxicity:	No data.
Persistence and degradability:	No data.

Bioaccumulative potential:	No data.
Mobility in soil:	No data.
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.
Contaminated packaging:	Empty containers may contain product residue; follow SDS and label warnings even after then have been emptied.

14. TRANSPORTATION INFORMATION (NON-MANDATORY)

	DOT	IMDG	IATA
UN/ID number:	None		
Proper shipping name:	Glazes or Stains, Ceramic Pottery, Artists or Hobbyists Liquid	-	-
Transport hazard class:	88690 Sub. 1	-	-
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.		
Emergency Response Guide Number:	No data.	EmS-No:	No data.

Pictograms

US: None	IATA; IMDG: None	Marine Pollutant: None
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15. REGULATORY INFORMATION (NON-MANDATORY)

US 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 data.			
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):		No data.			
Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):		No data.			
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 data.			
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 data.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):	No data.
Safe Drinking Water Act (SDWA):	No data.
Canadian Domestic Substances List (DSL):	No data.
FDA:	No data.
Conforms to Non-Toxic ASTM-4236:	Products 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).
California Proposition 65 Warning:	This product contains the following chemicals that are known to the State of California to cause cancer, birth defects, or other reproductive harm: None
EPA Clean Air / Water Act:	No data.
EPA Hazardous Wastes:	No data.
HMIS III Rating:	Health=1; Flammability=0; Reactivity=0
Unless a concentration is specified in Section 2 of the SDS, the above chemicals(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).

16. OTHER INFORMATION

These 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.

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