

8817

V#026796



## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION

**Product Name:** Duncan Color Burst Crystal Chips  
**Product Use:** Art Material  
**Manufacturer's Name:** Duncan Enterprise  
**Address:** 5673 East Shields Ave, Fresno, CA 93737  
**Tel Phone:** 559-291-4444  
**Emergency Tel:** 800-424-9300

### SECTION 2 – HAZARD IDENTIFICATION

Classification of Mixture - Not a Hazardous Mixture

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	%	CAS NUMBER	EINECS Number	EXPOSURE LIMITS
Frit	23-68	65994-18-4	266-047-5	NA
Pigments	2-14	Varies	Varies	NA
Feldspar	0-14	68476-25-5	270-666-7	NA
Water	3-7	7732-18-5	231-791-2	NA
Clay/Kaolin	0-6	1332-58-7	310-194-1	NA
Tin Oxide	0-5	18282-10-5	242-159-0	2 mg/m <sup>3</sup>
Silica (Quartz)	0-2	14808-60-7	238-878-4	0.1mg/m <sup>3</sup>

### SECTION 4 – FIRST-AID MEASURES

Inhalation - Remove from exposure to fresh air.  
 Dermal - Wash skin with soap and water.  
 Eye - Flush eyes with large quantities of water for at least 15 minutes.  
 If irritation is present after washing, contact a physician.  
 Ingestion - Do not induce vomiting and contact a physician.

## **SECTION 5 – FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media – dry chemical, water  
Special Fire-Fighting Procedure – Wear self-contained breathing apparatus if needed  
Hazardous Combustion Products - None known

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Procedures for Spills - Absorb with inert material (earth, vermiculite)  
place in suitable container.

## **SECTION 7 – HANDLING AND STORAGE**

Procedure/Equipment - No specific requirement. See personal protective equipment.  
Work Practices - Use with adequate ventilation, avoid skin and eye contact.  
Wash hands after use.  
Condition for safe storage - Dry environment

## **SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION**

Occupational exposure levels - Treat mixture as a nuisance dust

CAS Number	Chemical	PEL/TLV	Basis
18282-10-5	Tin Oxide	2 mg/m <sup>3</sup>	OSHA
14808-60-7	Silica (quartz)	0.1mg/m <sup>3</sup>	ACGIH

Engineer Control – Provide adequate ventilation  
Personal Protective Equipment - Wear chemical safety goggles, protective chemical resistant gloves, appropriate protective clothing if needed.

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance – dry crystals

Odor and Odor Threshold – Not Available

pH – Not Available

Melting Point/Freezing Point - Not Available

Boiling/Boiling Range - NA

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Duncan SDS – Color Burst crystals – 11.4.2015 (dciary)

Flash Point – NA

Evaporation Rate - NA

Flammable/Explosive Limits – NA

Vapor Pressure – NA

Vapor Density – NA

Relative Density - Not Available

Melting/Softening Point – NA

Specific Gravity – Not Available

Solubility in Water - Unknown

Partition Coefficient - NA

Auto-Ignition Temp - NA

Viscosity - None

#### **SECTION 10 – STABILITY AND REACTIVITY**

Reactivity - None Known

Chemical Stability – Stable

Hazardous Reactions - None

Conditions to Avoid - None

Incompatible Materials: – Unknown

Hazardous Decomposition Products – Unknown

#### **SECTION 11 – TOXICOLOGICAL INFORMATION**

**Hazard to Humans** - There is no toxicity data on this mixture.

**Animal Experiment** - There is no toxicity data on this mixture. Data on major component below.

**Frit -****Acute Toxicity**

Oral LD<sub>50</sub>, Dermal LD<sub>50</sub>, Inhalation LC<sub>50</sub> - No Data

Corrosive, eye or a skin irritant - No Data

Genotoxic - No Data

Skin sensitizer - No Data

Chronic/Other - Not a known carcinogenic, developmental or reproductive hazard

**Feldspar****Acute Toxicity**

Oral LD<sub>50</sub>, Dermal LD<sub>50</sub>, Inhalation LC<sub>50</sub> - No Data

Corrosive, eye or a skin irritant - No Data

Genotoxic - No Data

Skin sensitizer - No Data

Chronic/Other - Not a known carcinogenic, developmental or reproductive hazard

**Clay/Kaolin****Acute Toxicity**

Oral LD<sub>50</sub>, Dermal LD<sub>50</sub>, Inhalation LC<sub>50</sub> - No Data

Corrosive, eye or a skin irritant - No Data

Genotoxic - No Data

Skin sensitizer - No Data

Chronic/Other - Not a known carcinogenic, developmental or reproductive hazard

**Tin Oxide****Acute Toxicity**

Oral LD<sub>50</sub>, > 20 g/kg

Dermal LD<sub>50</sub>, Inhalation LC<sub>50</sub> - No Data

Corrosive, eye or a skin irritant - No

Genotoxic - No Data

Skin sensitizer - No

Chronic/Other - Not a known carcinogenic, developmental or reproductive hazard

**Silica (Quartz) (found in various amounts in clays)****Acute Toxicity**

Oral LD<sub>50</sub>, Dermal LD<sub>50</sub>, Inhalation LC<sub>50</sub> - No Data

Corrosive, eye or a skin irritant - No Data

Genotoxic - No Data

Skin sensitizer - No Data

Chronic/Other - Respirable quartz is a potential carcinogen. Not a known, developmental or reproductive hazard

#### **SECTION 12 – ECOLOGICAL INFORMATION**

No specific information available on mixture. Likely to have no mobility in soil, should not bioaccumulate and not likely to be significantly toxic to fish..

#### **SECTION 13 – DISPOSAL INFORMATION -**

Dispose according to local regulations, No specific information available

#### **SECTION 14 – TRANSPORTATION INFORMATION**

No specific information available

UN Number - Not Available

Transport Hazard Class - None

Packing group - Not Available

UN Proper Shipping Name - Not Available

#### **SECTION 15 --REGULATORY INFORMATION**

Ingredients are listed on TSCA, DSL and EINECS inventories.

Quartz is listed on IARC, NTP, OSHA and California Prop 65 cancer lists

#### **SECTION 16 - OTHER INFORMATION**

PEL - Permissible exposure limit

TLV - Threshold Limit Value

NA - Not applicable

ACGIH - American Conference of Industrial Hygienist

OSHA Occupational; Safety and Health Agency

**Date Prepared:** November 4, 2015

**Replaces SDS dated:** Not Applicable