



## Safety Data Sheet

TANZANITE

### 1 – PRODUCT IDENTIFICATION

**Product Name:** TANZANITE

**Product Use:** COLOR FOR CRYSTAL GLASS GROUT JEWELS

**DATE PREPARED:** 4/13/2017

**COMPANY:**

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### 2 – HAZARDS IDENTIFICATION

**Classification of the chemical in accordance with Standard 29 CFR 1910.1200 (US-GHS)**

H315 H320: Causes skin and eye irritation H320: Causes eye irritation

**Label Elements (Hazard Communication Standard 29 CFR 1910.1200 (US-GHS))**

**Signal Word:** None: Non Hazardous

**GHS Pictogram(s)**

**Precautionary Statement:** not classified

**GHS Health Classification:** Inhalation of dust may cause respiratory tract irritation, coughing and breathing difficulties. Contact with the eyes or skin may cause mechanical irritation.

**GHS Physical Classification:** Hazards Not Classified

**GHS Environmental Class:** Not Classified

**EU Statement:** not classified

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical names                          | CAS No            | Concentration |
|-----------------------------------------|-------------------|---------------|
| Organic Pigment                         | Proprietary Blend | 1-10%         |
| Mica                                    | 12001-26-2        | 10-20%        |
| Calcium Aluminosilicate                 | 65997-17-3        | 40-50%        |
| Glitter – Polyester Terephthalate Based | 25038-59-9        | 40-50%        |

**Substance/Mixture:** mixture

**Synonym:** TANZANITE

#### 4 – FIRST-AID MEASURES

##### **Description of first aid measures**

**In case of inhalation:** If breathing is difficult, remove to fresh air and keep at rest in a comfortable position for breathing. If you feel unwell, seek medical attention

**In case of skin contact:** In case of skin contact, wash thoroughly with soap and water.

**In case of eye:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs, get medical advice.

**In case of ingestion:** If large quantities are ingested, seek medical advice. Not a hazard under normal use conditions. Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Seek medical attention if necessary.

**Most important symptoms/effects both acute and delayed:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically and supportively

#### 5 – FIRE-FIGHTING MEASURES

**Extinguishing Media:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Flash point:** Not applicable

**Auto ignition temperature:** Not applicable

**Specific protective equipment and procedures for firefighters:** Wear self contained breathing apparatus and protective clothing

**Specific chemical hazards:** None

#### 6 – ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Do not allow to enter sewers/surface or ground water

**Methods for cleanup:** For small amounts: Pick up with suitable appliance and dispose of. For large amounts: Pick up with suitable appliance and dispose of. Spills should be contained and placed in suitable containers for disposal

#### 7 – HANDLING and STORAGE

**Storage:** Keep in a cool place. Keep container dry.

**Handling:** Avoid dust formation. Closed containers should only be opened in well-ventilated areas.

#### 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

##### **Occupational exposure limits**

OSHA PEL for Particulates Not Otherwise Regulated (PNOR) of 15 mg/m<sup>3</sup> - total dust, 5 mg/m<sup>3</sup> -

respirable fraction is recommended. In addition, the ACGIH recommends 3 mg/m<sup>3</sup> - respirable particles and 10 mg/m<sup>3</sup> - inhalable particles for Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS). The following respirator is recommended if airborne concentrations exceed the appropriate standard/guideline. NIOSH approved, air-purifying particulate respirator with N-95 filters.

**Appropriate engineering controls:** If needed use local exhaust ventilation to keep dust concentration below limits cited in this Section.

#### **Personal Protective Equipment**

**Respiratory Protection:** Use a properly fitted particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator. Wear a respirator conforming to EN140 with type A/P2 filter or better.

**Eye/Face protection:** Wear appropriate chemical safety glasses/goggles.

**Hand/Skin Protection:** Wear appropriate protective gloves and clothing.

**General Hygiene Considerations:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

### **9 – PHYSICAL / CHEMICAL PROPERTIES**

**Appearance:** A free flowing powder.

**Physical State:** solid

**Color:** Pink

**Odor:** odorless

**pH:** 7.0-11.0

**Melting Point:** NA

**Boiling Point:** NA

**Flash point:** Not applicable

**Flammability (solid,gas):** Not flammable

**Explosive Properties:** Not explosive

**Vapor Pressure:** Not applicable

**Vapor Density (AIR=1):** Not applicable

**Density:** 1.8~2.8 g / cm<sup>3</sup>

**Solubility in water:** Insoluble

**Partition Coefficient (n-octanol/water):** NOT APPLICABLE

**Auto-ignition temperature:** Not applicable

**Viscosity:** Not applicable

### **10 – STABILITY and REACTIVITY**

**Reactivity:** No hazardous reaction known under normal conditions of use

**Chemical Stability:** Stable under normal conditions

**Hazardous Reactions:** Stable under normal conditions

**Conditions to avoid:** NA

**Incompatible materials:** no known incompatible materials

**Hazardous Decomposition.:** na

## 11 – TOXICOLOGICAL INFORMATION

**Acute Toxicity:** None

**Acute Oral Toxicity:** LD50

Species: rat

**Value:** > 2,000 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.  
Irritation / corrosion

**Acute Inhalation Toxicity:** Based on available data the classification criteria are not met

**Chronic Toxicity:** Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

**Irritation:** may irritate eyes, skin, and respiratory tract

**Sensitization:** Non-sensitizing

**Mutagenicity:** Non-mutagenic

**Carcinogenicity:** No human carcinogen

**Reproductive toxicity:** No known significant effects or critical hazards on reproduction.

**Aspiration hazard:** Not applicable

## 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** Based on available data, the classification criteria are not met

**Persistence and degradability:** Not applicable

**Bioaccumulative potential:** Not applicable

**Mobility in soil:** Not applicable

**Results of PBT and vPvB assessment:** The substance does not meet the criteria to be identified as PBT or vPvB

## 13 – DISPOSAL CONSIDERATIONS

**Disposal considerations:** Dispose in a safe manner in accordance with local / state / Federal regulations. Avoid release to the environment. It is responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal method in compliance with applicable regulations.

## 14 – TRANSPORTATION INFORMATION

**DOT:** Not regulated, not dangerous good.

**Transport by sea (IMO / IMDG):** Not regulated. Not dangerous good

**Air transport (ICAO/ IATA):** Not regulated. Not dangerous good

## 15 - REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

### US Federal Regulations

**TSCA Status:** all components are listed or exempted

**SECTION 302:** None

#### SECTION 312

**Acute:** None

**Chronic:** None

**Fire:** None

**Pressure:** none

**Reactive:** None

**SARA 313:** none

**Clean Water Act:** not applicable

**FDA:** NA

### US State Regulations

Does not appear on any RTK lists

### International regulations

Observe the general safety regulations when handling chemicals.

The product has not been classified and marked in accordance with EU Directives/respective national laws.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials

The product has not classified as dangerous according to Directive 67/548/EEC, 1999/45/EC and Regulation (EC) No.1272/2008.

National regulations

## 16 – OTHER INFORMATION

**Additional Information:** This Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HCS-2012) and its adaptation of United Nations 'Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. **DISCLAIMER OF LIABILITY:** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.