

# Cloisonne Red

Revision date: 10/17/06

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**NFPA Classification:**

Health: 0

Flammability: 0

Instability: 0

Special Hazards:

**HMIS Classification:**

Health: 0

Flammability: 0

Physical Hazard: 0

Personal Protection: E

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: Chemical Mixture

Product Use: Colorant.

Supplier: TKB Trading LLC,  
1101 9th Avenue,  
Oakland, CA 94606,  
510-451-9011

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient CAS Number	Weight in Percent (%)	Notes
Mica 12001-26-2	47.0 - 62.0	None.
Titanium Dioxide 13463-67-7	37.0 - 49.0	None.
Carmines	0.8 - 3.5	None.

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:**

Color: Red Pink

Form: Powder

Odor: Odorless

**Flash Point, °C:** Not Applicable

**Most Important Hazards:** Prolonged or repeated exposure may cause lung damage.

**Potential Health Effects:**

**Inhalation:** May cause irritation of the respiratory tract. Prolonged or repeated exposure causes lung damage.

**Ingestion:** No adverse health effects are expected from swallowing.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Dust may cause irritation and inflammation.

**Carcinogenicity:**

Ingredient CAS Number	Weight in Percent (%)	NTP (Y/N)	IARC (See Notes)	OSHA (Y/N)	ACGIH (See Notes)
Mica 12001-26-2	47.0 - 62.0	N	N	N	N
Titanium Dioxide 13463-67-7	37.0 - 49.0	N	N3	N	A4
Carmines	0.8 - 3.5	N	N	N	N

**Notes:**

IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classifiable as to its carcinogenicity; N=Not studied or probably not carcinogenic.

ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

**Chronic Health Hazards:** Prolonged or repeated exposure to dust may cause pulmonary problems.

**Aggravated Medical Conditions:** Pulmonary disorders. Allergies.

#### 4. FIRST AID MEASURES

**Inhalation:** Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

**Ingestion:** If large quantities are ingested, seek medical advice. Not a hazard under normal use conditions.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation persists.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

**Flash Point, °C:** Not Applicable

**Autoignition Temperature, °C:** Not Applicable

**Lower Explosive Limit, %:** Not Applicable

**Upper Explosive Limit, %:** Not Applicable

**Extinguishing Media:** None - does not burn. Use extinguishing media appropriate for surrounding fire.

**Fire Fighting Procedures:** Positive pressure, self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Not a fire or explosion hazard.

#### 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Scoop up or vacuum into a container for reclamation or disposal.

#### 7. HANDLING AND STORAGE

- Store in cool dry place.
- Material may be slippery when wet.
- Avoid breathing dust.
- Wash thoroughly after handling.
- Avoid contact with eyes.
- Use only with adequate ventilation.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient CAS Number	Weight in Percent (%)	OSHA PEL	ACGIH TLV
Mica 12001-26-2	47.0 - 62.0	20 mppcf	3 mg/m <sup>3</sup> (Respirable fraction)
Titanium Dioxide 13463-67-7	37.0 - 49.0	15 mg/m <sup>3</sup> (Total dust)	10 mg/m <sup>3</sup> (Total dust)
Carmines	0.8 - 3.5	None Established	None Established

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2006 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, June 30, 1993.

**Personal Protective Equipment:** Safety glasses with side shields. Wear suitable gloves.

**Respiratory Protection:** Use a NIOSH/MSHA approved respirator as necessary to protect from: dust. If respiratory protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134).

**Ventilation:** General ventilation. Local exhaust ventilation is recommended to control exposures to within applicable limits.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Powder  
**Color:** Red Pink  
**Odor:** Odorless

**Boiling Point, °C:**  
**Melting Point, °C:** Decomposes  
**Density:** 3.0Kg/L  
**Bulk Density:** 19.2g/100 cc  
**Vapor Pressure:** Not Applicable  
**Specific Gravity:** 3.0  
**Solubility (in water):** Insoluble  
**pH:** 6.0-9.0 (4% H2O)

#### 10. STABILITY AND REACTIVITY

**Stability Data:** Stable  
**Conditions/Hazards to Avoid:** None known.  
**Incompatibility (Materials to Avoid):** None known.  
**Hazardous Decomposition Products:** None known.  
**Polymerization:** Will not occur.  
**Polymerization - Avoid:** None known.

#### 11. TOXICOLOGICAL INFORMATION

**Information on Product:**

No data available.

**Information on Components:**

Ingredient CAS Number	Weight in Percent (%)	Acute Toxicity - Oral	Acute Toxicity - Inhalation	Acute Toxicity - Dermal	Acute Toxicity - Other
Mica 12001-26-2	47.0 - 62.0	Not Available	Not Available	Not Available	Not Available
Titanium Dioxide 13463-67-7	37.0 - 49.0	> 5,000 mg/kg (rat)	Not Available	Not Available	Not Available
Carmine	0.8 - 3.5	Not Available	Not Available	Not Available	Not Available

#### 12. ECOLOGICAL INFORMATION

**Information on Product:**

**Environmental Fate:** No data available.

**Ecotoxicological Information:** No data available.

#### 13. DISPOSAL CONSIDERATIONS

**US EPA Waste Number:** Not Regulated

**Disposal of Waste Method:** This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

#### 14. TRANSPORT INFORMATION

**International Transport Regulations:**

**ICAO Class:** Not Regulated

**IMO Class:** Not Regulated

**US Transportation Regulations:**

**DOT Classification:** Not Regulated

**Canadian Transportation of Dangerous Goods (TDG):**

**TDG Classification:** Not Regulated

#### 15. REGULATORY INFORMATION

**International Inventories:**

**United States:** This product or its ingredients are listed on or compliant with the TSCA Inventory.  
**Canada:** This product or its ingredients are listed on or compliant with the DSL.  
**Europe:** This product or its ingredients are listed on or compliant with EINECS.  
**Japan:** This product or its ingredients are listed on or compliant with MITI.  
**Australia:** This product or its ingredients are listed on or compliant with AICS.  
**Korea:** This product or its ingredients are listed on or compliant with the ECL.  
**Philippines:** This product or its ingredients are listed on or compliant with PICCS.  
**China:** This product or its ingredients are listed on or compliant with the IECSC.

**US Federal Regulations:**

Ingredient CAS Number	Weight in Percent (%)	Subject to SARA 313 Reporting
Mica 12001-26-2	47.0 - 62.0	No
Titanium Dioxide 13463-67-7	37.0 - 49.0	No
Carmine	0.8 - 3.5	No

**SARA 311/ 312 Hazard Categories:**

Acute Health Hazard

**CAA 602 Ozone Depleting Substances (ODS):**

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

**VOC Content:** None

**US State Regulations:**

VOC Content (CARB): None

**Canadian Regulations:**

**WHMIS Classification:**

Not Regulated

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

**16. OTHER INFORMATION**

**Revision number:** 5

**Section(s) Revised in this Version:** Section 1: Chemical Product and Company Identification  
Section 16: Other Information

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