

## Mica Carmine Red

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 19-Sep-2024  
Supersedes: 19-Oct-2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Mica Carmine Red	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Mica (CI 77019), titanium dioxide (CI 77891), carmine (CI 75470)	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	12001-26-2, 13463-67-7, 1390-65-4	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Solid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified.												
<b>GHS Labeling:</b>	Not a dangerous substance according to GHS.												
<b>GHS Hazard Pictograms:</b>	None.												
<b>GHS Hazard Statements:</b>	None.												
<b>GHS Precautionary Statements:</b>	None.												
<b>Potential Health Hazards:</b>	Eyes: May be an irritant. Inhalation: Not expected to be irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.												
<b>NFPA Ratings (704):</b>	<table border="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Mica (CI 77019)	12001-26-2	48 - 60%	N/A
Titanium dioxide (CI 77891)	13463-67-7	39 - 48%	N/A
Carmine (CI 75470)	1390-65-4	1 - 4%	N/A

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Remove contact lenses. Seek medical attention if symptoms occur.
<b>Inhalation:</b>	Remove to fresh air. Seek medical attention if necessary.
<b>Skin:</b>	Take of immediately all contaminated clothing. Wash skin with soap and water. Seek medical attention if symptoms occur.
<b>Ingestion:</b>	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Make victim drink water (2 glasses at most). Seek medical attention if necessary.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	Not combustible. Use appropriate media for surrounding environment and adjacent fire. No unsuitable extinguish media listed.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	Not applicable.

**Specific hazards arising from the chemical:** Ambient fire may liberate hazardous vapors. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

**Methods and material for containment and cleaning up:** Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dust. Dispose of absorbed material in accordance with the regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

**Conditions for safe storage, incl. any incompatibilities:** Keep container tightly closed and dry. Store away from incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
General threshold limit value for dust	50 Million particles per cubic foot	TWA (total dust)	OSHA Z-3
	15 mg/m <sup>3</sup>	TWA (total dust)	OSHA Z-3
	5 mg/ <sup>3</sup>	TWA (total dust)	OSHA Z-3
	15 Million particles per cubic foot	TWA (total dust)	OSHA Z-3
Mica (muscovite)	3 mg/m <sup>3</sup>	TWA (Respirable fraction)	ACGIH
	20 Million particles per cubic foot	TWA (Dust)	OSHA Z-3
titanium (IV) oxide	3mg/m <sup>3</sup>	TWA (Respirable)	NIOSH REL
	3 mg/m <sup>3</sup>	TWA (respirable dust fraction)	OSHA P0
	15 mg/m <sup>3</sup>	TWA (total dust)	OSHA Z-1
	10 mg/M <sup>3</sup>	TWA (total dust)	OSHA P0
	10 mg/m <sup>3</sup> (Titanium dioxide)	TWA	ACGIH

TWA: Time Weighted Average over 8 hours of work.

TLV: Threshold Limit Value over 8 hours of work.

REL: Recommended Exposure Limit

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.

IDLH: Immediately Dangerous to Life or Health

WEEL: Workplace Environmental Exposure Levels

CEIL: Ceiling

### Personal Protection:

**Eyes:** Wear safety glasses with side protection shield.

**Inhalation:** Appropriate NIOSH approved respiratory protection may be worn.

**Body:** Gloves and protective clothing should be worn to prevent prolonged skin contact.

**Other:** Handle in accordance with good industrial hygiene and safety practice. Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Wash hands before breaks and immediately after handling the product.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid (Powder)	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	Not applicable	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Red	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available

<b>pH at 68 °F (20 °C):</b>	6.0 -10.0at 100 g/l (slurry)	<b>Flash Point:</b>	Not applicable
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting/Freezing Point:</b>	No data available	<b>Water Solubility at 68 °F (20 °C):</b>	Practically insoluble
<b>Density at 68 °F (20 °C):</b>	2.9 -3.1 g/cm3	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Bulk Density:</b>	410 - 450 kg/m3	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	None	<b>Particle Size:</b>	(Particle) 10.0 - 60.0 µm (Mean Particle) 18.0 -25.0 µm

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	This product is chemically stable under standard ambient conditions (room temperature).
<b>Chemical Stability:</b>	This product is chemically stable under standard ambient conditions (room temperature).
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.
<b>Possible Hazardous Reactions:</b>	No data available.

## 11 TOXICOLOGICAL INFORMATION

<b>Relevant Toxicity Information:</b>	The acute toxicity experiments performed thus far have as of yet not permitted the determination of an LD50 value as even the highest orally administered does have no lethal effects. Investigations into representatives of this type provided no indication of a sensitizing potential.
<b>Acute Oral Toxicity:</b>	
<b>Component</b>	
Titanium (IV) oxide:	(Rat) LD50: > 10,000mg/kg
<b>Skin Irritation:</b>	
<b>Component</b>	
Titanium (IV) oxide:	(Rabbit) result: no skin irritation (IUCLID)
<b>Eye Irritation:</b>	
<b>Component</b>	
Titanium (IV) oxide:	(Rabbit) result: no eye irritation (IUCLID)
<b>Sensitization:</b>	
<b>Component</b>	
Titanium (IV) oxide:	(Mouse) Local lymph node assay (LLNA); result, negative. Method: OECD test Guideline 429 (ECHA)
<b>Respiratory:</b>	Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.
<b>Ingestion:</b>	No data available.
<b>Carcinogenicity:</b>	
<b>IARC:</b>	GROUP 2B: Possibly carcinogenic to humans, Titanium (IV) oxide 13463-67-7
<b>OSHA:</b>	No component of this product at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
<b>NTP:</b>	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a know or anticipated carcinogen by NTP.
<b>Likely Root of Exposure:</b>	Inhalation, eye contact, Skin contact, Ingestion.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	Genotoxicity in vitro. Chromosome aberration test in vitro. Chinese hamster ovary cells; result, negative. Metabolic activation: with and without metabolic activation. Method: OECD Test Guideline 473 (ECHA).
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	No data available.
<b>Reproductive Toxicity:</b>	No data available.
<b>Sensitization:</b>	Investigations into representatives of this type provided no indication of a sensitizing potential.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available.
<b>Aquatic Vertebrate:</b>	(Golden orfe): >1,000 mg/l
<b>Aquatic Invertebrate:</b>	(Pseudomonas fluorescens) EC0: > 5,000 mg/l
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	Not readily biodegradable (ECHA).
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	No data available.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
<b>Product Containers:</b>	Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>IATA (International Air Transport Association):</b>	Not classified as dangerous in the meaning of transport regulations.
<b>ICAO (International Civil Aviation Organization):</b>	Not classified as dangerous in the meaning of transport regulations.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	This product is regulated under the Food, Drug, and Cosmetic Act and is exempt from TSCA.
<b>CERCLA Reportable Quantity:</b>	This material does not contain any components with a CERCLA RQ.
<b>SARA 304:</b>	This material does not contain any components with a section 304 Extremely Hazardous Substances Reportable Quantity.
<b>SARA 302:</b>	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
<b>SARA 313:</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
<b>Clean Air Act:</b>	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).
<b>Clean Water Act:</b>	This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.
<b>Massachusetts Right to Know:</b>	Mica (muscovite) 12001-26-2, titanium (IV) oxide 13463-67-7.
<b>Pennsylvania Right to Know:</b>	Mica (muscovite) 12001-26-2, titanium (IV) oxide 13463-67-7.
<b>New Jersey Right to Know:</b>	Mica (muscovite) 12001-26-2, titanium (IV) oxide 13463-67-7.
<b>California Prop. 65:</b>	WARNING: This product can expose you to chemicals including titanium (IV) oxide 13463-67-7, which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>Canada (DSL):</b>	This product or its components are listed on or compliant with the DSL.

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<b>EU (EINECS):</b>	No data available.
<b>China (IECSC):</b>	No data available.
<b>Australia (AICS):</b>	No data available.
<b>Japan (ENCS):</b>	No data available.
<b>Philippines (PICCS):</b>	No data available.
<b>Korea (KECI):</b>	No data available.
<b>New Zealand (NZIoC):</b>	No data available.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	19-Sep-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.