

## Mica Patina Silver

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

Revision Date: 25-Mar-2021  
Supersedes: 03-Mar-2015

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Mica Patina Silver	<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), iron oxide (CI 77491)	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	12001-26-2, 13463-67-7, 1345-25-1	<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>	P260: Do not breathe dust.		
<b>Potential Health Hazards:</b>	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.		
<b>NFPA Ratings (704):</b>	<b>Health</b>	N/A	N/A
	<b>Flammability</b>	N/A	N/A
	<b>Reactivity</b>	N/A	N/A
	<b>Specific Hazard</b>	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Mica (CI 77019)	12001-26-2	≥50 - <70%	Not Available
Titanium Oxide (CI 77891)	13463-67-7	≥10 - <30%	Not Available

*Exact percentages are being withheld as a trade secret.*

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Rinse out with plenty of water. Seek medical attention if necessary.
<b>Inhalation:</b>	Remove victim to fresh air. Seek medical attention if necessary.
<b>Skin:</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. Seek medical attention if necessary.
<b>Ingestion:</b>	Make victim drink water (two glasses at most) Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Consult doctor if feeling unwell.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (dry powder, foam, carbon dioxide) for adjacent fire. Do not use direct water jet.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved 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. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

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

**Methods and material for containment and cleaning up:** Observe possible material restrictions (see sections 7 and 10).  
Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Observe label precautions. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

**Conditions for safe storage, incl. any incompatibilities:** Keep container tightly closed. Store in cool, dry well-ventilated area. Keep away from heat and 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>
<i>General Threshold limit value for dust</i>	5 mg/m <sup>3</sup>	TWA (respirable fraction)	Z1A
	15 mg/m <sup>3</sup>	TWA (total dust)	Z1A
	50millions of particles/cubic foot of air	TWA (total dust)	Z1A
	15millions of particles/cubic foot of air	TWA (respirable fraction)	Z1A
	15 mg/m <sup>3</sup>	TWA (total dust)	Z1A
	5 mg/m <sup>3</sup>	TWA (respirable fraction)	Z1A
	5 mg/m <sup>3</sup>	PEL (respirable fraction)	OSHA_TRANS
	15 mg/m <sup>3</sup>	PEL (total dust)	OSHA_TRANS
	10 mg/m <sup>3</sup>	TWA (inhalable particles)	ACGIH
Mica (CI 77019)	3 mg/m <sup>3</sup>	TWA (respirable particles)	ACGIH
	3 mg/m <sup>3</sup>	TWA (respirable fraction)	ACGIH
	3 mg/m <sup>3</sup>	REL (respirable)	NIOSH/GUIDE
	3 mg/m <sup>3</sup>	TWA (respirable dust)	Z1A
	20millions of particles per cubic foot of air	TWA	Z1A
Titanium Dioxide (CI 77891)	10 mg/m <sup>3</sup>	TWA	ACGIH
	15 mg/m <sup>3</sup>	TWA (total dust)	OSHA_TRANS
	10 mg/m <sup>3</sup>	TWA (total dust)	Z1A

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:** Safety glasses should be worn.

**Inhalation:** Required when dusts are generated. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respiratory selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.

**Body:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The

**Other:** chemical resistance of the protective equipment should be inquired at the respective supplier. Technical measures and appropriate working operation should be given priority over the use of personal protective equipment. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Powder	<b>Vapor Pressure:</b>	Not applicable
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not applicable
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Silver	<b>Flammability:</b>	Product is not flammable
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	Not applicable
<b>pH @ 68 °F/20 °C (100 g/L):</b>	8.0-11.0	<b>Flash Point:</b>	No data available
<b>Boiling Point:</b>	Not applicable	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	Practically insoluble
<b>Bulk Density:</b>	240-280 kg/m <sup>3</sup>	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	Not applicable	<b>Decomposition Temperature:</b>	Not applicable
<b>Viscosity:</b>	Not applicable	<b>Explosive Properties:</b>	Not classified as explosive
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available
<b>Mean Particle Size:</b>	18.0-25.0 µm	<b>Density (at 68 °F/20 °C):</b>	3.1-3.3 g/cm <sup>3</sup>
<b>Particle Size:</b>	10.0-60.0 µm		

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	The 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

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available
<b>Skin:</b>	No irritant effect
<b>Eyes:</b>	No irritant effect
<b>Respiratory:</b>	LC50 (inhalation): 4.6-14.9 mg/L
<b>Ingestion:</b>	LD50: >10000 mg/kg
<b>Likely Routes of Exposure:</b>	Inhalation, Eye contact, Skin contact, Ingestion
<b>Carcinogenicity:</b>	IARC: Group 2B: Possibly carcinogenic to humans (Titanium Dioxide) OSHA: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.A ACGIH: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	In vitro tests negative.
<b>Embryotoxicity:</b>	The product did not show any genotoxic effects in the micronucleus test in concentrations of up to 2000 mg/kg
<b>Specific Target Organ Toxicity:</b>	The substance or mixture is not classified as a specific target organ toxicant, single exposure.
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Corrosivity:</b>	No data available
<b>Sensitization:</b>	No sensitizing potential
<b>Irritation:</b>	No data available
<b>Repeated Dose Toxicity:</b>	The substance or mixture is not classified as a specific target organ toxicant, repeated exposure.

## 12 ECOLOGICAL INFORMATION

### Ecotoxicity

Aquatic Vertebrate:	LC50: >1000 mg/L ( <i>Leuciscus idus</i> )
Aquatic Invertebrate:	EC0: >5000 mg/L ( <i>Pseudomonas fluorescens</i> )
Terrestrial:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	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 container.
<b>Product Containers:</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 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>	No data available
<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>	No data available

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	All components of the product are listed in the TSCA Inventory.
<b>DSCL (EEC):</b>	All components of this product are on the Canadian DSL.
<b>WHMIS (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	No data available
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	No data available
<b>Japanese MITI:</b>	No data available
<b>Philippines PICCS:</b>	No data available
<b>Korea KECL:</b>	Not in compliance with inventory
<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>SARA 302:</b>	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
<b>Clean Water Act:</b>	This product does not contain any Hazardous Substances listed under the US Clean Water Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the US Clean Water Act, Section 311, Table 117.3.
<b>DEA List I:</b>	Not listed
<b>DEA List II:</b>	Not listed
<b>Massachusetts Right to Know:</b>	Mica Titanium Dioxide
<b>Pennsylvania Right to Know:</b>	Mica Titanium Dioxide
<b>New Jersey Right to Know:</b>	Mica Titanium Dioxide
<b>California Prop 65:</b>	WARNING: this product contains a chemical known in the State of California to cause cancer

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(Titanium Dioxide)

## 16 OTHER INFORMATION

**Revision Date:** 25-Mar-2021

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:** 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.