

## Mica Pearl White

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

Revision Date: 28-Mar-2024  
Supersedes: 12-Aug-2022

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Mica Pearl White	<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, Titanium Dioxide (CI 77891)	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	12001-26-2, 13463-67-7	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Solid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Not classified.  
**GHS Labeling:** Not a dangerous substance according to GHS.  
**GHS Hazard Pictograms:** None.  
**GHS Hazard Statements:** None.  
**GHS Precautionary Statements:** None.  
**Potential Health Hazards:** Eyes: Not expected to be an irritant.  
 Inhalation: May cause irritation or impair respiratory organ functions.  
 Skin: Not expected to be an irritant.  
 Ingestion: May cause nausea, vomiting, or diarrhea.

**NFPA Ratings (704):**

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	12001-26-2	70 - 90%	Not Available
Titanium Dioxide (CI 77891)	13463-67-7	20 - 30%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Rinse out with plenty of water. Remove contact lenses. Seek medical attention if necessary.  
**Inhalation:** Move to fresh air. Seek medical attention if necessary.  
**Skin:** Take off immediately all contaminated clothing. Rinse skin with water and/or shower. Seek medical attention if necessary.  
**Ingestion:** Make victim drink water (two glasses at most). Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.  
**General Notes:** We have no description of any toxic symptoms.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. No unsuitable extinguish media listed.  
**Special protective equipment & precautions for firefighters:** Use self-contained air supplied breathing apparatus and full protective clothing, including eye protection and boots.  
**Flash Points:** Not applicable.  
**Specific hazards arising from the** Not combustible. Ambient fire may liberate hazardous vapors. See also stability and reactivity

chemical: \_\_\_\_\_ section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	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.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts. Do not try to clean up the leak without the proper protective equipment. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Observe label precautions. Handle in accordance with good industrial hygiene and safety practices. See section 8 for recommendations on the use of personal protective equipment.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store tightly closed, in a dry area. 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	15 mg/m <sup>3</sup> (total dust)	TWA	OSHA Z-3
	5 mg/m <sup>3</sup> (respirable fraction)	TWA	OSHA Z-3
	50 million particles per cubic foot	TWA	OSHA Z-3
	15 million particles per cubic foot	TWA	OSHA Z-3
Mica (muscovite)	3 mg/m <sup>3</sup> (respirable)	TWA	NIOSH REL
	3 mg/m <sup>3</sup> (respirable dust fraction)	TWA	OSHA P0
	20 million particles per cubic Foot (dust)	TWA	OSHA Z-3
	0.1 mg/m <sup>3</sup> (respirable particulate matter)	TWA	ACGIH
Titanium(IV) oxide (Titanium Dioxide)	15 mg/m <sup>3</sup> (total dust)	TWA	OSHA Z-1
	10 mg/m <sup>3</sup> (total dust)	TWA	OSHA P0
	2.5 mg/m <sup>3</sup> (titanium dioxide) (respirable particulate matter)	TWA	ACGIH
	0.2 mg/m <sup>3</sup> (titanium dioxide) (respirable particulate matter)	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:

<b>Eyes:</b>	Wear safety glasses.
<b>Inhalation:</b>	Respiratory protection is required when dusts is generated.
<b>Body:</b>	Chemical-resistant, impervious gloves complying with an approved standard, along with full protective clothing should be worn at all times when handling chemical products.
<b>Other:</b>	Technical measures and appropriate working operations 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>	No data available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	No data available
<b>Form:</b>	Solid	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Light yellow	<b>Flammability (solid, gas):</b>	Not flammable
<b>Molecular Weight:</b>	No data available	<b>Flash Point:</b>	Not applicable
<b>pH:</b>	substance/mixture is non-soluble (in water)	<b>Particle Size:</b>	5.0-100.0 µm (particle size) 20.0-35.0 µm (mean particle size)
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Bulk Density:</b>	270 - 310 kg/m <sup>3</sup>	<b>Water Solubility 68 °F (20 °C):</b>	Practically insoluble
<b>Density at 68 °F (20 °C):</b>	2.7 - 2.9 g/cm <sup>3</sup>	<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>Oxidizing Properties:</b>	None	<b>Explosive Properties:</b>	Not classified as explosive

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	The product is chemically stable under standard ambient conditions (room temperature).
<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.
<b>Possible Hazardous Reactions:</b>	No data available.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Oral Toxicity:</b>	
<b>Component</b>	
Titanium (IV) oxide (13463-67-7):	Rat LD50: > 10,000 mg/kg.
<b>Skin Irritation:</b>	
<b>Component</b>	
Titanium (IV) oxide (13463-67-7):	Rabbit: No skin irritation (IUCLID).
<b>Eye Irritation:</b>	
<b>Component</b>	
Titanium (IV) oxide (13463-67-7):	Rabbit: No eye irritation (IUCLID).
<b>Respiratory:</b>	Rat LC50 (inhalational): male animals: between 4.6 and 14.9 mg/l air; female animals: > 14.9 mg/l air.
<b>Ingestion:</b>	Rat LD50 (oral): not determinable; all animals still alive after 15,000 mg/kg.
<b>Likely Route of Exposure:</b>	Inhalation, eye contact, skin contact, ingestion.
<b>Carcinogenicity:</b>	
<b>IARC:</b>	Group 2B: Possibly carcinogenic to humans; Titanium(IV) oxide 13463-67-7.
<b>Genotoxic Effects:</b>	The product did not show any genotoxic effects in the micronucleus test carried out in rats in concentrations of up to 2000 mg/kg (limit test).
<b>Genotoxicity in vivo:</b>	
<b>Component</b>	
Titanium (IV) oxide (13463-67-7):	(Chinese hamster ovary cells) Chromosome aberration test in vitro: Result: negative Metabolic activation: with and without metabolic activation: Method: OECD Test Guideline 473 (ECHA).
<b>Subchronic Toxicity:</b>	Rat: No appreciable findings up to 20,000 ppm.
<b>Chronic Toxicity:</b>	Rat: 5 % of the product added to the feed for a period of 2.5 years did not show any toxicological changes or carcinogenic effects in animals.
<b>Sensitization:</b>	(Guinea pig): No sensitizing potential.
<b>Component</b>	
Titanium (IV) oxide (13463-67-7):	Mouse Local lymph node assay (LLNA) Result: negative: Method: OECD Test Guideline 429 (ECHA).
<b>Experience with Human Exposure:</b>	The results of animal experiments using pigments of this type indicate no toxicologically

relevant properties. Since the substance is poorly absorbed, no hazardous properties are to be anticipated. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No ecological problems are to be expected when the product is handled and used with due care and attention.
<b>Aquatic Vertebrate:</b>	Titanium(IV) oxide (13463-67-7): Leuciscus idus (Golden orfe) LC0:> 1,000 mg/l.
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	Titanium(IV) oxide (13463-67-7): (Pseudomonas fluorescens) EC0: > 5,000 mg/l.
<b>Persistence and Degradability:</b>	Titanium(IV) oxide (13463-67-7): Not readily biodegradable.
<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>	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.
<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 goods.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not classified as dangerous goods.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not classified as dangerous goods.
<b>IATA (International Air Transport Association):</b>	Not classified as dangerous goods.
<b>ICAO (International Civil Aviation Organization):</b>	Not classified as dangerous goods.

## 15 REGULATORY INFORMATION

<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 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. Clean Water Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act,

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	Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307
<b>MA Right to Know:</b>	mica (muscovite) 12001-26-2, titanium(IV) oxide 13463-67-7
<b>PA Right to Know:</b>	mica (muscovite) 12001-26-2, titanium(IV) oxide 13463-67-7
<b>NJ Right to Know:</b>	mica (muscovite) 12001-26-2, titanium(IV) oxide 13463-67-7
<b>TSCA Inventory Status:</b>	This product is regulated under the Food, Drug, and Cosmetic Act and is exempt from TSCA.
<b>Canada (DSL):</b>	This product or its components are listed on or compliant with the DSL.
<b>California Prop. 65:</b>	<b>WARNING:</b> 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. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## 16 OTHER INFORMATION

<b>Revision Date:</b>	28-Mar-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.