

Mica Beige

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

Revision Date: 04-May-2022
Supersedes: 14-Jun-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Mica Beige	Distributor:	MakingCosmetics.com Inc.
Synonyms:	Not available	Address:	10800 231 st Way NE
INCI Name:	Mica (CI 77019), titanium dioxide (CI 77891), iron oxide (CI 77491)		Redmond, WA 98053 (USA)
CAS Number:	12001-26-2, 13463-67-7, 1309-37-1	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	Not available	Web:	www.makingcosmetics.com
Product Form:	Solid (powder)		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not classified												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
Flammability	0	Minimal											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Mica	12001-26-2	30-50%	N/A
Titanium dioxide	13463-67-7	30-50%	N/A
Iron oxide	1309-37-1	20-30%	N/A

4 FIRST AID MEASURES

Eyes:	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Remove contact lenses. Seek medical attention if symptoms occur.
Inhalation:	Remove to fresh air. Seek medical attention if necessary.
Skin:	Take off immediately all contaminated clothing. Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion:	Make victim drink water (2 glasses at most). Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use extinguishing media appropriate to local circumstances and the surrounding environment. Suppress (knock down) gasses/vapors/mists with a water spray jet.
Special protective equipment & precautions for firefighters:	Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points:	Not applicable.
Specific hazards arising from the chemical:	Not combustible.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:

Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an excerpt. See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:
Methods and material for containment and cleaning up:**

Prevent entry into waterways, sewers, basements or confined areas. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts. Isolate spill area immediately. Keep unauthorized personnel away.

7 HANDLING & STORAGE

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practices. Avoid breathing dust and contact with eyes.

Conditions for safe storage, incl. any incompatibilities:

Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place. Risks from decomposition products: see section 10.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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, goggles, or face shield recommended for eye protection.
- 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. Wash hands before breaks and immediately after handling the product.

Engineering measures: Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. See section 7

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Powder, solid	Solubility in water:	@ 68 °F (20 °C), practically insoluble
Odor:	Odorless	Vapor Pressure:	Not available
Taste:	Not available	Bulk Density:	310-350 kg/m ³
Color:	Beige	Evaporation Rate:	Not available
Molecular Weight:	Not available	Flammability:	Not flammable
pH (10% aqueous solution)	3.0-8.0 @ 100 g/l 68 °F (20 °C)	Upper/lower Explosive Limit:	Not available
Boiling Point:	Not available	Flash Point:	Not available
Melting Point:	Not available	Specific Gravity:	Not available
Particle Size:	< 15.0µm		

10 STABILITY AND REACTIVITY

Reactivity:	See below.
Chemical Stability:	This product is chemically stable under standard ambient conditions (room temperature).
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	None known.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	In the event of fire. See section 5.

11 TOXICOLOGICAL INFORMATION

Relevant Toxicity Information:	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.
Acute Oral Toxicity:	
Component	
titanium (IV) oxide (13463-67):	LD50 Rat: > 10,000mg/kg
iron oxide (1309-37-1):	LD50 Rat: > 5,000mg/kg OCED Test Guideline 401 (ECHA)
Skin Irritation:	
Component	
titanium (IV) oxide (13463-67):	Rabbit; result: no skin irritation (IUCLID)
iron oxide (1309-37-1):	Rabbit; result: no skin irritation OCED Test Guideline 404 (ECHA)
Eye Irritation:	
Component	
titanium (IV) oxide (13463-67):	Rabbit; result no eye irritation (IUCLID)
iron oxide (1309-37-1):	Rabbit; result no eye irritation OCED Test Guideline 405 (ECHA)
Sensitization:	
Component	
iron oxide (1309-37-1):	Sensitization test: Guinea pig; result: Not a skin sensitizer. (ECHA)
Acute Inhalation Toxicity:	
Component	
iron oxide (1309-37-1):	LC50 Rat: 5 mg/l: 4h aerosol (ECHA) OCED Test Guideline 403
Respiratory:	Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.
Repeated Dose Toxicity:	Not available
Ingestion:	Not available
Carcinogenicity:	
IARC:	GROUP 2B: Possibly carcinogenic to humans Titanium (IV) oxide 13463-67-7
OSHA:	No component of this product at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP:	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.
Likely root of exposure:	Inhalation, eye contact, Skin contact, Ingestion
Teratogenicity:	Not available
Germ Cell Mutagenicity:	
Component	
titanium (IV) oxide (13463-67):	Genotoxicity in vitro. Chromosome aberration test in vitro. Chinese hamster ovary cells; result, negative. Metabolic activation: with and without metabolic activation. Method: OECD Test

<p>iron oxide (1309-37-1):</p> <p>Embryotoxicity:</p> <p>Specific Target Organ Toxicity:</p> <p>Reproductive Toxicity:</p> <p>Respiratory/Skin Sensitization:</p> <p>Experience with Human Exposure:</p>	<p>Guideline 473 (ECHA).</p> <p>Genotoxicity in vivo. Rat; result: negative (ECHA)</p> <p>Genotoxicity in vitro. Ames test; Salmonella typhimurium, result: negative (ECHA)</p> <p>Not available</p> <p>Not available</p> <p>Not available</p> <p>Not available</p> <p>The results of animal experiments using pigments of this type indicate no toxicological 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. The individual test results were as follows: skin tolerance (rabbit): no irritant effect; eye irritation test (rabbit): no irritant effect; sensitization test (guinea pig): no sensitizing potential. LD₅₀(oral, rat): not determinable; all animals still alive after 15,000 mg/kg. Subchronic toxicity (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. LC₅₀ (inhalational, rat): male animals: between 4.6 and 14.9 mg/l air; female animals: > 14.9mg/l air. 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). Handle in accordance with good industrial hygiene and safety practice.</p>
---	---

12 ECOLOGICAL INFORMATION

Ecotoxicity	
<p>Aquatic Vertebrate:</p> <p>Aquatic Invertebrate:</p>	<p>Toxicity to fish:</p> <p>titanium (IV) oxide: LC0 Leuciscus idus (Golden orfe): >1,000 mg/l</p> <p>Toxicity to Bacteria:</p> <p>Titanium (IV) oxide: EC0 Pseudomonas fluorescens: > 5,000 mg/l</p> <p>iron oxide: EC50 Daphnia magna (Water flea): > 100mg/l; 48h OCED Test Guideline 202 (ECHA)</p>
<p>Persistence and Degradability:</p> <p>Biodegradability:</p> <p>Bioaccumulative Potential:</p> <p>Mobility in Soil:</p>	<p>Not available</p> <p>Not available</p> <p>Partition coefficient: <i>n-octanol/water</i></p> <p>Not available</p>

13 DISPOSAL CONSIDERATIONS

Waste Residues: 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.

Product Containers: 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

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

EPCRA-EMERGENCY Planning and Community Right-to-Know

<p>CERCLA Reportable Quantity:</p> <p>SARA 304 Extremely Hazardous Substances Reportable Quantity:</p> <p>SARA 302:</p>	<p>This material does not contain any components with a CERCLA RQ.</p> <p>This material does not contain any components with a section 304 EHS RQ.</p> <p>No chemicals in the material are subject to the reporting requirements of SARA Title III, section 302.</p>
--	--

Sara 313:	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.
Clean Air Act:	<p>This product neither contains, nor was manufactured with 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).</p> <p>This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).</p> <p>This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112® for Accidental Release Prevention (40 CFR 68.130, Subpart F).</p> <p>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)</p>
Clean Water Act:	<p>This product does not contain Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.</p> <p>This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.</p> <p>This product does not contain any toxic pollutants listed under the U.S. Clean water Act Section 301.</p>
US State Regulations	
Massachusetts Right to Know:	Mica (muscovite) 12001-26-2, titanium (IV) oxide 13463-67-7, iron oxide 1309-37-1
Pennsylvania Right to Know:	Mica (muscovite) 12001-26-2, titanium (IV) oxide 13463-67-7, iron oxide 1309-37-1
New Jersey Right to Know:	Mica (muscovite) 12001-26-2, titanium (IV) oxide 13463-67-7, iron oxide 1309-37-1
California Prop. 65:	<p>WARNING: This product can expose you to one or more chemicals which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov</p> <p>Titanium (IV) oxide 13463-67-7</p>
The ingredients of this product are reported in the following inventories:	
DSCL (EEC):	This product or its components are listed on or compliant with the DSL.
TSCA:	All components of the product are listed in the TSCA inventory.

16 OTHER INFORMATION

Revision Date:	04-May-2022
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.