

Mica Majestic Green

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

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Supersedes: 01-Sep-2020

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Mica Majestic Green	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Titanium Dioxide (CI 77891), Mica, Chromium (III) oxide	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	13463-67-7, 12001-26-2, 1308-38-9	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number: 1-800-424-9300 (Chemtrec)	
Product Form:	Solid		
Product Use:	Cosmetic use		

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 and 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

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Titanium Dioxide (CI 77891)	13463-67-7	50 - 70%	Not Available
Mica (CI 77019)	12001-26-2	30 - 50%	Not Available
Chromium (III) oxide	1308-38-9	10 - 20%	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: Remove clothing contaminated with the product immediately. Wash with soap and water. 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 air supplied breathing equipment and full protective clothing, including eye protection and boots.
Flash Points: Not applicable.

Specific hazards arising from the chemical: Not combustible. 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/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 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

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: 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 ³ (total dust)	TWA	OSHA Z-3
	5 mg/m ³ (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
Titanium(IV) oxide (Titanium Dioxide)	15 mg/m ³ (total dust)	TWA	OSHA Z-1
	10 mg/m ³ (total dust)	TWA	OSHA P0
Mica (muscovite)	10 mg/m ³ (titanium dioxide)	TWA	ACGIH
	3 mg/m ³ (respirable)	TWA	NIOSH REL
	3 mg/m ³ (respirable dust fraction)	TWA	OSHA P0
	3 mg/m ³ (respirable particulate matter)	TWA	ACGIH
Chromium (III) oxide	20 million particles per cubic Foot (dust)	TWA	OSHA Z-3
	0.5 mg/m ³ (chromium)	TWA	OSHA Z-1
	0.5 mg/m ³ (chromium)	TWA	NIOSH REL

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.

Inhalation: Respiratory protection is required when dusts is generated.

Body: Chemical-resistant, impervious gloves complying with an approved standard, along with full protective clothing should be worn at all times when handling chemical products.

Other: Use good personal hygiene practices. Change contaminated clothing. Wash hands after working with substance. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Vapor Pressure:	No data available
Odor:	Odorless	Vapor Density:	No data available
Form:	Solid	Evaporation Rate:	No data available
Color:	Green	Flammability (solid, gas):	Not flammable
Bulk Density:	650 - 700 kg/m ³	Upper/lower Explosive Limit:	No data available
pH at 68 °F (20 °C):	3.0 - 6.0 at 100 g/l (slurry)	Flash Point:	Not applicable
Boiling Point:	No data available	Specific Gravity:	No data available
Particle Size:	10.0 - 60.0 µm (particle size) 18.0 - 25.0 µm (mean particle size)	Water Solubility at 68 °F (20 °C):	Practically insoluble
Density at 68 °F (20 °C):	3.0 - 3.2 g/cm ³	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Oxidizing Properties:	None	Explosive Properties:	Not classified as explosive

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	
Component	
Titanium (IV) oxide (13463-67-7):	Rat LD50: > 10,000 mg/kg.
Chromium (III) oxide (1308-38-9):	Rat LD50: > 15,000 mg/kg. OECD Test Guideline 401 (ECHA).
Acute Inhalation Toxicity:	
Component	
Chromium (III) oxide (1308-38-9):	Rat: > 5.41 mg/l; 4 hours; aerosol (ECHA).
Skin Irritation:	
Component	
Titanium (IV) oxide (13463-67-7):	Rabbit: No skin irritation (IUCLID).
Chromium (III) oxide (1308-38-9):	Rabbit: No irritation (IUCLID).
Eye Irritation:	
Component	
Titanium (IV) oxide (13463-67-7):	Rabbit: No eye irritation (IUCLID).
Chromium (III) oxide (1308-38-9):	Rabbit: No eye irritation (IUCLID).
Respiratory:	Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.
Ingestion:	Rat LD50 (oral): not determinable; all animals still alive after 15,000 mg/kg.
Likely Route of Exposure:	Inhalation, eye contact, skin contact, ingestion.
Carcinogenicity	
IARC:	Group 2B: Possibly carcinogenic to humans; titanium(IV) oxide (13463-67-7).
OSHA:	No component of this product present 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 known or anticipated carcinogen by NTP.
Genotoxicity in vivo:	
Component	
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).

<p>Chromium (III) oxide (1308-38-9): Subchronic Toxicity: Sensitization: Component</p>	<p>Mouse Result: negative (Lit.) Rat: no appreciable findings up to 50 000 ppm.</p>
<p>Titanium (IV) oxide (13463-67-7):</p>	<p>Mouse Local lymph node assay (LLNA) Result: negative: Method: OECD Test Guideline 429 (ECHA).</p>
<p>Chromium (III) oxide (1308-38-9): Experience with Human Exposure:</p>	<p>Human Experience Result: negative (Lit.) The results of animal experiments using pigments of this type indicate no toxicologically relevant properties. Since the substance is poorly absorbed, no systemic effects are to be anticipated. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.</p>

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No ecological problems are to be expected when the product is handled and used with due care and attention.
Aquatic Vertebrate:	Titanium (IV) oxide (13463-67-7): (Golden orfe) LC0 Leuciscus idus: > 1,000 mg/l. Chromium (III) oxide (1308-38-9): Leuciscus idus (Golden orfe) LC0: >= 1,000 mg/l; 48 h (above the solubility limit in the test medium) (IUCLID).
Aquatic Invertebrate:	No data available.
Terrestrial:	Titanium(IV) oxide (13463-67-7): (Pseudomonas fluorescens) ECO: > 5,000 mg/l. Chromium (III) oxide (1308-38-9): (E.coli) ECO: 1,000 mg/l. (Pseudomonas fluorescens) ECO: 10,000 mg/l.
Persistence and Degradability:	Titanium(IV) oxide (13463-67-7): Not readily biodegradable. Chromium (III) oxide (1308-38-9): The methods for determining the biological degradability are not applicable to inorganic substances.
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

Waste Residues:	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.
Product Containers:	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

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

15 REGULATORY INFORMATION

CERCLA Reportable Quantity:	This material does not contain any components with a CERCLA RQ.
SARA 304:	This material does not contain any components with a section 304 extremely hazardous reportable quantity.
SARA 302:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section

SARA 313:	302. The following components are subject to reporting levels established by SARA Title III, Section 313: Chromium (III) oxide (1308-38-9)
Clean Air Act:	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). The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61): Chromium (III) oxide 1308-38-9 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).
Clean Water Act:	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, Section 311, Table 117.3. This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307: Chromium (III) oxide (1308-38-9)
MA Right to Know:	Titanium (IV) oxide 13463-67-7, mica (muscovite) 12001-26-2, Chromium (III) oxide 1308-38-9
PA Right to Know:	Titanium (IV) oxide 13463-67-7, mica (muscovite) 12001-26-2, Chromium (III) oxide 1308-38-9
NJ Right to Know:	Titanium (IV) oxide 13463-67-7, mica (muscovite) 12001-26-2, Chromium (III) oxide 1308-38-9
TSCA Inventory Status:	This product is regulated under the Food, Drug, and Cosmetic Act and is exempt from TSCA.
Canada (DSL):	This product or its components are listed on or compliant with the DSL.
California Prop. 65:	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. For more information, go to www.P65Warnings.ca.gov

16 OTHER INFORMATION

Revision Date:	28-Mar-2024
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.