

## Mica Interference Green

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

Revision Date: 06-10-2015  
Supersedes: 03-21-2014

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Mica Interference Green	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Synonyms:</b>		<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Mica, titanium dioxide, silica	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	12001-26-2, 13463-67-7, 7631-86-9	<b>Web:</b>	www.makingcosmetics.com
<b>Formula:</b>	Not available		
<b>Product Form:</b>	Powder		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified												
<b>GHS Labeling:</b>	Not classified												
<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 causes eye irritation. Inhalation: May cause respiratory tract irritation. Skin: No hazards known. Ingestion: No hazards known.												
<b>NFPA Ratings (704):</b>	<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;">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	19-33%	Not available
Titanium dioxide	13463-67-7	57-67%	79.87 g/mol
Silicon dioxide	7631-86-9	10-14%	60.08 g/mol

### 4 FIRST AID MEASURES

<b>Eyes:</b>	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
<b>Inhalation:</b>	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
<b>Skin:</b>	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if necessary
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	Product is not combustible. Use appropriate media for adjacent fire. Cool unopened containers with water.
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<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>Specific hazards arising from the chemical:</b>	Emits toxic fumes (titanium oxides) under fire conditions. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements
<b>Methods and material for containment and cleaning up:</b>	Pick up and arrange disposal without creating dust. Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in cool, dry well ventilated area. Keep 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>
Titanium Dioxide	10 mg/m <sup>3</sup>	TWA	ACGIH
	15 mg/m <sup>3</sup>	PEL	OSHA
	10 mg/m <sup>3</sup>	TWA	Z1A
Mica	3 mg/m <sup>3</sup>	TWA	ACGIH
	3 mg/m <sup>3</sup>	REL	NIOSH/GUIDE
	3 mg/m <sup>3</sup>	TWA	Z1A
Silicon Dioxide	6 mg/m <sup>3</sup>	REL	NIOSH/GUIDE
	10 mg/m <sup>3</sup>	TWA	Z1A
	20 millions of particles/f <sup>3</sup>		
	air	TWA	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:

<b>Eyes:</b>	Wear chemical safety glasses or goggles.
<b>Inhalation:</b>	Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
<b>Skin:</b>	Wear nitrile or rubber gloves, apron or lab coat.
<b>Other:</b>	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Powdered solid	<b>Bulk Density:</b>	6.1 to 6.6 g/in3
<b>Odor:</b>	Odorless	<b>Vapor Pressure:</b>	Not applicable

<b>Taste:</b>	Not available	<b>Vapor Density:</b>	Not applicable
<b>Color:</b>	Light green	<b>Evaporation Rate:</b>	Not applicable
<b>Molecular Weight:</b>	Not available	<b>Flammability:</b>	Not flammable
<b>pH (100g/l)</b>	8-11 at 20°C	<b>Upper/lower Explosive Limit:</b>	Not explosive
<b>Boiling Point:</b>	Not available	<b>Solubility:</b>	Insoluble in water
<b>Melting Point:</b>	Not available		
<b>Flash Point:</b>	Not flammable		

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product is stable
<b>Chemical Stability:</b>	Product is stable
<b>Possibility of Hazardous Reactions:</b>	Not available
<b>Conditions to Avoid:</b>	Not available
<b>Incompatible Materials:</b>	Not available
<b>Hazardous Decomposition Products:</b>	Not available

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Titanium dioxide: acute oral toxicity LD50 Rat >10,000mg/kg, Skin irritation Rabbit: no irritation, eye irritation Rabbit: no irritation Mica: no information available Silicon dioxide: Acute dermal toxicity Rabbit >5,000mg/kg, Skin irritation Rabbit: no irritation, Eye irritation Rabbit: no irritation, Sensitization Guinea pig: result negative
<b>Chronic Toxicity:</b>	5% of the product added to the feed of rats for a period of 2.5 years did not show any toxicological changes or carcinogenic effects.
<b>Likely Route of Exposure:</b>	Inhalation, eye contact, skin contact, ingestion
<b>Target Organs:</b>	Respiratory system, eyes
<b>Systemic Toxicity:</b>	The substance or mixture is not classified as specific target organ toxicant upon single or repeated exposure.
<b>Aspiration Hazard:</b>	Regarding the available data the classification criteria are not fulfilled.
<b>Carcinogenicity:</b>	<b>IARC:</b> Group 2b: Possibly carcinogenic to humans (Titanium dioxide) <b>ACGIH:</b> No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by ACGIH <b>NTP:</b> No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP <b>OSHA:</b> No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
<b>Teratogenicity:</b>	Not available
<b>Embryotoxicity:</b>	Not available
<b>Genotoxicity:</b>	Ames test negative (Salmonella typhimurium)
<b>Reproductive Toxicity:</b>	Not available
<b>Respiratory/Skin Sensitization:</b>	Not available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	LC50 (titanium dioxide) - other fish - > 1,000 mg/l - 96 h
<b>Aquatic Invertebrate:</b>	ECO (titanium dioxide) -Daphnia magna (Water flea) -1,000 mg/l - 48 h ECO (silicon dioxide) -Daphnia magna (Water flea) >10,000 mg/l - 24 h
<b>Terrestrial:</b>	Not available
<b>Persistence and Degradability:</b>	Not available

<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>PBT and vPvB Assessment:</b>	Not available
<b>Other Adverse Effects:</b>	Not available

## 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 significantly 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
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not classified
<b>IMDG (International Maritime Dangerous Goods):</b>	Not classified
<b>IATA (International Air Transport Association):</b>	Not classified
<b>ICAO (International Civil Aviation Organization):</b>	Not classified

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	All ingredients are listed on the TSCA inventory
<b>DSCL (EEC):</b>	All ingredients are listed on the DSCL inventory
<b>California Proposition 65:</b>	This product contains a chemical known in the State of California to cause cancer (titanium dioxide)
<b>SARA 302:</b>	Not listed
<b>SARA 304:</b>	Not listed
<b>SARA 311:</b>	Listed: Titanium Dioxide
<b>SARA 312:</b>	Listed: Titanium Dioxide
<b>SARA 313:</b>	Not listed

## 16 OTHER INFORMATION

**Revision Date:** 06-10-2015

**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.