

Mica Spheres

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

Product Name: Mica Spheres	Distributor: MakingCosmetics.com Inc.
Synonyms:	Address: 10800 231 st Way NE
INCI Name: Mica, silica	Redmond, WA 98053 (USA)
CAS Number: 12001-26-2, 7631-86-9	Phone / Fax: 425-292-9502 / 425-292-9601
Formula: Not available	Web: www.makingcosmetics.com
Product Form: 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 causes eye irritation. Inhalation: May cause respiratory tract irritation. Skin: No hazards known. Ingestion: No hazards known.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>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	90-100%	Not available
Silicon dioxide	7631-86-9	1-5%	60.08 g/mol

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation:	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.
Skin:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if necessary
Ingestion:	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

Suitable (and unsuitable) extinguishing media:	Product is not combustible. Use appropriate media for adjacent fire. Cool unopened containers with water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical:	Emits toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:

See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions:

Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements

Methods and material for containment and cleaning up:

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

Precautions for safe handling:

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.

Conditions for safe storage, incl. any incompatibilities:

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>
Mica	3 mg/m ³	TWA	ACGIH
	3 mg/m ³	REL	NIOSH/GUIDE
Silicon Dioxide	3 mg/m ³	TWA	Z1A
	6 mg/m ³	REL	NIOSH/GUIDE
	10 mg/m ³	TWA	Z1A
	20 millions of particles/f ³ 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:

Eyes: Wear chemical safety glasses or goggles.

Inhalation: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.

Skin: Wear nitrile or rubber gloves, apron or lab coat.

Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Powdered solid	Particle Size:	<15.0 micrometer
Odor:	Odorless	Bulk Density:	60-120 kg/m ³
Taste:	Not available	Vapor Pressure:	Not applicable
Color:	Light grey	Vapor Density:	Not applicable
Molecular Weight:	Not available	Evaporation Rate:	Not applicable
pH (100g/l)	7.0 - 10.0 at 20°C	Flammability:	Not flammable
Boiling Point:	Not available	Upper/lower Explosive Limit:	Not explosive
Melting Point:	Not available	Solubility:	Insoluble in water
Flash Point:	Not flammable		
Density:	2.5-2.7 g/cm ³ at 20°C (68F)		

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Mica: no information available

Chronic Toxicity:	Silicon dioxide: Acute dermal toxicity Rabbit >5,000mg/kg, Skin irritation Rabbit: no irritation, Eye irritation Rabbit: no irritation, Sensitization Guinea pig: result negative
Likely Route of Exposure:	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.
Target Organs:	Inhalation, eye contact, skin contact, ingestion
Systemic Toxicity:	Respiratory system, eyes
Aspiration Hazard:	The substance or mixture is not classified as specific target organ toxicant upon single or repeated exposure.
Carcinogenicity:	Regarding the available data the classification criteria are not fulfilled. IARC: No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC ACGIH: 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 NTP: 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 OSHA: 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
Teratogenicity:	Not available
Embryotoxicity:	Not available
Genotoxicity:	Ames test negative (Salmonella typhimurium)
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	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

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

15 REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed on the TSCA inventory
DSCL (EEC):	All ingredients are listed on the DSCL inventory
SARA 302:	Not listed
SARA 304:	Not listed
SARA 311:	Not listed
SARA 312:	Not listed
SARA 313:	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.