Mica Diamond Cluster

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

Revision Date: 25-Mar-2024
Supersedes: 06-Jul-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Mica Diamond Cluster
Synonyms: No data available
INCI Name: Mica (CI77019), Titanium Dioxide (CI 77891)
CAS Number: 12001-26-2, 13463-67-7
Formula: No data available
Product Form: Solid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 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.
Routes of Entry: Possible eye, inhalation or skin contact.
Potential Health Hazards: Eyes: Wear eye protection while handling. Eye contact may cause eye irritation.
Inhalation: Prolonged inhalation may cause respiratory irritation, including chronic pulmonary fibrosis with repeated exposure.
Skin: Not expected to be an irritant.
Ingestion: May cause nausea, vomiting, or diarrhea.

HMIS III (H1/F0/PHO):

Health	1	Slight
Flammability	0	Minimal
Reactivity	0	Minimal
Personal Protection	T	Dust Respirator

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Mica (CI77019)	12001-26-2	84 - 88%	Not Available
Titanium Dioxide (CI 77891)	13463-67-7	12 - 16%	Not Available
Tin Oxide (CI 77861)	18282-10-5	< 1%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse away thoroughly with water at least for 15 minutes. Seek medical attention if necessary.
Inhalation: Remove victim to fresh air. Seek medical attention if respiratory irritation or distress occurs.
Skin: Wash affected areas with soap and water. Seek medical attention if irritation persists.
Ingestion: It is up to the formulating client to determine suitability for any specific application. If large quantities are ingested; Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If victim is conscious and alert, give 2-4 cups of milk or water and seek medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Not combustible. Use appropriate media for surrounding areas. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters: Use air supplied breathing equipment for enclosed areas and full protective clothing, including eye protection and boots.

Flash Points:	N/A, Inorganic solids. No flash points possible.
Specific hazards arising from the chemical:	None known. None known. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	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:	Vacuum or sweep the material into a bag or other sealed container and dispose in accordance with local requirements. Do not try to clean up the leak without the proper protective equipment.

7 HANDLING & STORAGE

Precautions for safe handling:	Use with adequate ventilation, avoid eye and inhalation of dust. 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:	Keep container closed. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Iron Oxide group minerals	5mg/m3 (respirable fraction)	TWA	OSHA-PEL
	10 mg/m3 (fumes/smoke)	TWA	ACGIH
Titanium dioxide	10 mg/m3	TWA	OSHA-PEL
	15 mg/m3 total dust	TWA	ACGIH
Mica-group minerals	3 mg/m3 (respirable fraction)	TWA	OSHA
	20 millions of particles per cubic foot of air	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:

Eyes:	Wear safety glasses.
Inhalation:	Provide adequate ventilation. Wear HMIS PP, T Dust Respirator.
Body:	Not expected to be a skin irritant, but gloves and full body covering clothing is recommended.
Other:	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

Appearance:	Loose powder	**Vapor Pressure:**	Not Determined
Odor:	Odorless	**Vapor Density:**	No data available
Odor Threshold:	No data available	**Loss on Drying:**	< .50%
Color:	No data available	**Flammability:**	Not Combustible
Particle Size:	20 - 100 um	**Upper/lower Explosive Limit:**	No data available
pH:	7.0 - 11.0	**Flash Point:**	Not applicable
Boiling Point:	No data available	**Specific Gravity:**	No data available
Melting Point:	Not applicable	**Water Solubility:**	Insoluble
Density:	2.8 - 3.4	**Auto-Ignition Temperature:**	NA > 900ºC
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available

Viscosity:	No data available	**Explosive Limits/Properties:**	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable.
Hazardous Polymerization:	None known.
Conditions to Avoid:	Use with adequate ventilation, minimize dust.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	None known.
Possible Hazardous Reactions:	None known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not expected to be an irritant.
Eyes:	May be an irritant.
Respiratory:	May irritate respiratory tract.
Ingestion:	May cause pulmonary fibrosis and permanent damage when ingested in large quantities over long period.
Chronic Inhalation:	May cause pulmonary fibrosis.
Carcinogenicity:	Suspected of causing cancer.
IARC:	Classified TIO2 as 2B Possibly carcinogenic to humans. However, the only evidence of carcinogenicity is in rats exposed to very high concentrations. Two major epidemiology studies among titanium dioxide workers in the US and in EUROPE could not demonstrate an elevated lung cancer risk.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Corrosivity:	No data available.
Sensitization:	No data available.
Animal Testing:	This product was not animal tested.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No environmental hazard is anticipated.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
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:	Dispose of contents/container in accordance with all applicable local, state, and federal laws and regulations as a non-hazardous, non-VOC cosmetic raw material.
Product Containers:	Dispose of contents/container in accordance with all applicable local, state, and federal laws and regulations as a non-hazardous, non-VOC cosmetic raw material.

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 as dangerous goods.
TDG (Transportation of Dangerous Goods, Canada):	Not data available.
IMDG (International Maritime Dangerous Goods):	Not regulated as dangerous goods.
IATA (International Air Transport Association):	Not regulated as dangerous goods.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	On the inventory, or in compliance with the inventory.
SARA 313 Regulated Chemical(s):	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.
PA Right to Know:	Possible substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium dioxide, Silicon dioxide, amorphous
NJ Right to Know:	Possible substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens, or teratogens): Titanium dioxide, Silicon dioxide, amorphous
California Prop.65:	WARNING: This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov
EU (EINECS):	On the inventory, or in compliance with the inventory
Canada (DSL):	On the inventory, or in compliance with the inventory.
China (INV):	On the inventory, or in compliance with the inventory.
Australia (AICS):	On the inventory, or in compliance with the inventory.
Japan (ENCS):	On the inventory, or in compliance with the inventory.
Philippines (PICCS):	On the inventory, or in compliance with the inventory.
Korea (KECI):	On the inventory, or in compliance with the inventory.

16 OTHER INFORMATION

Revision Date:	25-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 suitableness & completeness of such information for his own particular use.