

Boron Nitride & Sericite

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

Revision Date: 02/27/2020
Supersedes: 09/20/2016

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Boron Nitride & Sericite	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Mica, boron nitride	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	12001-26-2, 10043-11-5	Web:	www.makingcosmetics.com
Formula:	No data available		
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 a dangerous substance according to GHS												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	Observe good industrial hygiene practices. Wash hands after handling. Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements.												
Potential Health Hazards:	Eyes: Direct contact with eyes may cause temporary irritation. Inhalation: Prolonged inhalation may be harmful. Skin: No adverse effects due to skin contact are expected. Ingestion: Expected to be a low ingestion hazard.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	2	Moderate	Flammability	0	Minimal	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	2	Moderate											
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-Group Minerals	12001-26-2	90.0%	Not Available
Other components below reportable levels	Not Available	10.0%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse with water. Seek medical attention irritation develops or persists.
Inhalation:	Remove victim to fresh air. Seek medical attention if irritation develops and persists.
Skin:	Wash affected areas soap and water. Seek medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed:	Coughing. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available

Specific hazards arising from the chemical:

During fire, gasses hazardous to health may be formed. 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. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up:

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. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities:

Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Mica-Group Minerals	20 mppcf	TWA	OSHA
Mica-Group Minerals	3 mg/m ³	TWA	ACGIH
Mica-Group Minerals	3 mg/m ³	TWA	NIOSH

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 with side shields or goggles.
- Inhalation:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. In case of insufficient ventilation, wear suitable respiratory equipment.
- Body:** Wear suitable protective clothing. Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear appropriate thermal clothing, when necessary.
- Other:** Always observe good personal hygiene practices, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to off-white solid	Vapor Pressure:	No data available
Odor:	Negligible	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White to off-white	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	0.12
Melting Point:	No data available	Solubility in Water:	No data available
Relative Density:	1.00 lbs./gal	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	Not explosive

Oxidizing Properties: Not oxidizing **Freezing Point:** No data available

10 STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage, and transport.
Chemical Stability: Material is stable under normal conditions.
Hazardous Polymerization: No dangerous reaction known under normal conditions of use.
Conditions to Avoid: Contact with incompatible materials.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: No hazardous decomposition products are known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available
Skin: Prolonged skin contact may cause temporary irritation.
Eyes: Direct contact with eyes may cause temporary irritation.
Respiratory: Prolonged inhalation may be harmful. Not an aspiration hazard.
Ingestion: Expected to be a low ingestion hazard.
Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Teratogenicity: No data available
Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Embryotoxicity: No data available
Specific Target Organ Toxicity: Not classified
Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.
Respiratory/Skin Sensitization: Not a respiratory sensitizer. Not expected to cause skin sensitization.
Corrosivity: No data available
Sensitization: No data available
Irritation: No data available
Repeated Dose Toxicity: Prolonged inhalation may be harmful.

12 ECOLOGICAL INFORMATION

Ecotoxicity This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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 other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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 as a dangerous good
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	No data available
IATA (International Air Transport Association):	No data available
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed
DSCL (EEC):	Listed
WHMIS (Canada):	No data available
NDSL (Canada):	Not listed
EU EINECS/ELINCS/NLP:	Not listed
China IECSC:	Listed
China IECIC (06.30.2014):	No data available
Australia AICS:	Listed
ECL (Korea):	Listed
New Zealand Inventory:	Listed
PICCS (Philippines):	Listed
CERCLA (40 CFR 302.4):	Not listed
SARA 304:	Not regulated
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):	Not regulated
SARA Hazard Categories:	Not listed
SARA 302:	Not listed
SARA 311/312:	Not listed
SARA 313:	Not listed
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants:	Not regulated
Clean Air Act (CAA) Section 112@ (40 CFR 68.130):	Not regulated
Safe Drinking Water Act (SDWA):	Not regulated
US State Regulations:	
California Health and Safety Code Section 11100:	Not listed
Massachusetts RTK:	Mica-Group Minerals
New Jersey Worker and Community RTK:	Mica-Group Minerals
Pennsylvania Worker and Community RTK:	Mica-Croup Minerals
Rhode Island RTK:	Not regulated
California Prop 65.:	This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16 OTHER INFORMATION

Revision Date:	02/27/2020
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.