

Boron Nitride & Sericite

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

Revision Date: 20-Jan-2025
Supersedes: 07-Mar-2017

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:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification:	Not classified.		
Labeling:	Not a dangerous substance according to GHS.		
Hazard Pictograms:	None.		
Hazard Statements:	The mixture does not meet the criteria for classification		
Precautionary Statements:	Prevention: Observe good industrial hygiene practices. Response: Wash hands after handling. Storage: Store away from incompatible materials. Disposal: 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: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, and diarrhea.		
NFPA Ratings (704):	Health	2	Moderate
	Flammability	0	Minimal
	Reactivity	0	Minimal
	Specific Hazard	N/A	
HMIS® Ratings:	Health	0	Minimal
	Flammability	0	Minimal
	Reactivity	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Mica	12001-26-2	Not Available	Not Available
Boron Nitride	10043-11-5	Not Available	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse with water. Get medical attention if irritation develops and persists. Treat symptomatically.
Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist. Treat symptomatically.
Skin:	Wash off with soap and water. Get medical attention if irritation develops and persists. Treat symptomatically.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Get medical attention if symptoms occur. Treat symptomatically.
Acute/Delayed Symptoms:	Coughing is the only acute/delayed symptom listed.
Physician Notes:	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water fog, foam, dry chemical powder, carbon dioxide (CO ₂)) for surrounding environment and adjacent fire. Do not use water jet as an extinguisher, as this will spread the fire.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Use water spray to cool unopened containers. Use standard firefighting procedures and consider the hazards of other involved materials.
Flash Points:	No data available.
Specific hazards arising from the chemical:	During fire, gases hazardous to health may be formed. No unusual fire or explosion hazard noted. See stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Keep unnecessary personnel away. 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. Stop the flow of material, if this is without risk. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid prolonged exposure. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in original tightly closed container. 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>
Mica-Group Minerals (CAS: 12001-26-2)	20 mppcf	TWA	OSHA Table Z-3
	3 mg/m ³	TWA (Respirable fraction)	ACGIH
	3 mg/m ³	TWA (Respirable)	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:	In case of insufficient ventilation, wear suitable respiratory equipment.
Body:	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear full protective clothing and wear appropriate thermal protective clothing when necessary.
Other:	Use good personal hygiene practices. 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. The employer/user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	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:	212°F (100°C) [estimated]	Specific Gravity:	0.12
Melting/Freezing Point:	No data available	Water Solubility:	No data available
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	Metal Corrosion:	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 data available.
Conditions to Avoid:	Contact with incompatible materials.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	No hazardous decomposition products are known.
Possible Hazardous Reactions:	No dangerous reaction known under conditions of normal use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No adverse effects due to skin contact are expected.
Eyes:	Direct contact with eyes may cause temporary irritation.
Inhalation:	Prolonged inhalation may be harmful. May cause coughing.
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 under single or repeated exposure.
Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Respiratory/Skin Sensitization:	Not a respiratory sensitizer. This product is not expected to cause skin sensitization.
Skin Corrosion/Irritation:	Prolonged skin contact may cause temporary irritation.
Aspiration Hazard:	Not an aspiration hazard.
Chronic Effects:	Prolonged inhalation may be harmful.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The 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 is available on the degradability of this product.
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:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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.
Product Containers:	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. 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 dangerous goods (DOT information on packaging may be different from that listed).
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.
TSCA Section 12(b):	Not regulated under Export Notification (40 CFR 707, Subpt. D).
CERCLA:	Not listed under Hazardous Substance List (40 CFR 302.4).
SARA 304:	Not regulated under emergency release notification.
OSHA:	Not regulated under Specifically Regulated Substances (29 CFR 1910.1001-1050).
SARA (1986):	Immediate Hazard- No; Delayed Hazard- No; Fire Hazard- No; Pressure Hazard- No; Reactivity Hazard- No.
SARA 302:	Not listed under extremely hazardous substance.
SARA 311/312:	No hazardous chemicals.
SARA 313 (TRI Reporting):	Not regulated.
Clean Air Act (CAA):	Not regulated under Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List or Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130).
Safe Drinking Water (SDWA):	Not regulated.
California Controlled Substance:	Not listed under US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100).
California Prop. 65:	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.
MA Right to Know:	MICA-GROUP MINERALS (CAS 12001-26-2).
NJ Right to Know:	MICA-GROUP MINERALS (CAS 12001-26-2).
PA Right to Know:	MICA-GROUP MINERALS (CAS 12001-26-2).
Rhode Island Right to Know:	Not regulated.
Canada (DSL):	Listed.
Canada (NDSL):	Not listed.
EU (ELINCS):	Not listed.
China (IECSC):	Listed.
Australia (AICS):	Listed.
Japan (ENCS):	Not listed.
Philippines (PICCS):	Listed.
Korea (ECL):	Listed.
New Zealand (NZIoC):	Listed.

16 OTHER INFORMATION

Revision Date:	20-Jan-2025
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication

Disclaimer:

Standard 29 CFR 1910.1200

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.