

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

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Manufacturer/Distributor : Kobo Products, Inc.  
Address : 690 Montrose Avenue  
So. Plainfield, NJ 07080  
Emergency Telephone # : (908) 757-0033  
Facsimile Number : (908) 757-0905  
Trade Name : **Mica Powder TM-20**  
INCI name : Mica

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	CAS #	EINECS #
Potassium Aluminum Silicate	12001-26-2	310-127-6

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## SECTION 3: HAZARD IDENTIFICATION

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None

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## SECTION 4: FIRST AID MEASURES

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### Effects and Symptoms:

Effects of Overexposure to Dust : Coughing, wheezing, shortness of breath when inhaled.  
Prolonged inhalation may cause lung damage or lung fibrosis.  
May cause itching, irritation and redness after contact with eyes. Although essentially non-toxic when ingested, may cause gastrointestinal irritation if ingested in large quantities.  
Medical Conditions Aggravated by Exposure : Persons with respiratory or skin conditions may be at increased risk.  
Primary Route(s) of Entry : Inhalation and eye contact.

### Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. See physician if irritation persists.  
Inhalation : Remove to fresh air. If breathing is difficult give oxygen. See physician.  
Ingestion : None needed for small amounts. For large amounts, if conscious, give milk to drink, induce vomiting, and call physician.

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## SECTION 5: FIRE FIGHTING MEASURES

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Flash Point (Closed Cup) : N/A  
Flammable Limits LEL/UEL % : N/A  
Extinguishing Media : Any  
Special Fire Fighting Procedures : None  
Unusual Fire And Explosion Hazards : None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Environmental Precautions: : No information known other than those associated with suspended inert solids in water.  
Spill response : Use appropriate NIOHS/MSHA approved respirator. Sweep up or vacuum the spilled material. Carefully contain spilled material. Deposit spilled material in appropriate waste container.

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## SECTION 7: HANDLING AND STORAGE

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**Handling :** Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where

**Mica Powder TM-20**

necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

**Storage** : Store in dry area at ambient temperature.

**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

<b>Exposure Levels:</b> <u>Component</u>	OSHA		ACGIH	
	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
Mica		3 mg/m <sup>3</sup>		3 mg/m <sup>3</sup>

**Personal Protection:**

- Eye Protection : Safety glasses with side shields or goggles
- Respiratory Protection : Use NIOSH/MSHA approved air purifying respirator as needed to control exposure.
- Ventilation : Provide adequate general mechanical exhaust.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point (°C) : N/A	Percent Volatile By Vol. (%) : None
Freezing Point (°C) : N/A	Vapor Density (Air=1) : N/A
Melting Point (°C) : 1200°C	Evaporation Rate (Buac=1) : N/A
Vapor Pressure (mm hg) : N/A	Solubility In Water : Insoluble
Specific Gravity (H <sub>2</sub> O=1) : 2.6~3.0	Appearance & Odor : Fine, gray powder. No odor

**SECTION 10: STABILITY AND REACTIVITY**

- Stable : Yes
- Hazardous Polymerization : Will not occur
- Conditions To Avoid : Fire or excess heat
- Incompatibility : Acids, alkalis and strong oxidizers
- Hazardous Decomposition Products : Mica particles

**SECTION 11: TOXICOLOGICAL INFORMATION**

- Mica
- Skin Irritation : No data
- Eye Irritation : No data
- Oral Toxicity (rat) : LD<sub>50</sub> > 15,000 mg/kg
- Sensitization : Experiments have shown that nacreous pigments of this type have no systematic toxic effects.

**SECTION 12: ECOLOGICAL INFORMATION**

No information known other than those associated with suspended inert solids in water.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Method of Disposal : Dispose of in accordance with all applicable federal, state, and local regulations. Material may be sent to an approved landfill or licensed treatment, storage, and disposal facility.

**SECTION 14: TRANSPORT INFORMATION**

This material is classified as “non-hazardous” according to U.S. and international shipping regulation.

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**SECTION 15: REGULATORY INFORMATION**

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AUSTRALIA ACOIN : Mica is on the list  
CANADIAN WHM : Non-hazardous product  
CANADIAN DOMESTIC SUBSTANCES LIST: As a naturally occurring substance mica is on the list  
JAPAN MITI INDEX : Mica is not on the list  
U.S. CALIFORNIA PROPOSITION 65: Mica is not on the list  
U.S. CERCLA : 40 CFR Part 302. Table 302.4  
U.S. EPA TCLP : 40 CFR Part 261-24, appendix II--Table 1. No noticeable amount of toxic substances leaches out.  
U.S. RCRA : Mica is not classified as a hazardous waste under Section 3001 of RCRA, and under regulation 40 CFR Part 261.4 (b) (7)  
U.S. SARA TITLE III : This product is not subject to SARA title III (40 CFR Part 372)  
U.S. TSCA CHEMICAL SUBSTANCES INVENTORY: Mica is listed, CAS # 12001-26-2

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**SECTION 16: OTHER INFORMATION**

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Date Prepared : August 8, 2003  
Date Revised : September 16, 2003

**Note:**

The statements made here are intended to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics. This information is furnished without warranty, expressed or implied, except that it is accurate to the best of our current knowledge.