

# 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 : **Sericite O-I3**  
Chemical Name/ Synonyms : Mica (and) Isopropyl Titanium Triisostearate  
INCI Name : Mica (and) Isopropyl Titanium Triisostearate

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	CAS #	EINECS #
Mica	12001-26-2	310-127-6
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8

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## SECTION 3: HAZARD IDENTIFICATION

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No particular danger

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## SECTION 4: FIRST AID MEASURES

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### Effects and Symptoms:

Effects of Overexposure : 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 or skin and eye contact.

### Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. See physician if irritation persists.  
Skin Contact : Flush skin with soap and water for at least 15 min.  
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 : Water, Dry Chemical, Foam, CO<sub>2</sub>  
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing.  
Unusual Fire And Explosion Hazards : May burn or explode upon ignition if suspended in air as a dust.  
Methicone vapors are heavier than air and can travel along the ground to remote ignition source.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions : Avoid skin and eye contact  
Environmental Precautions: : Prevent material from contaminating soil or entering sewerage and drainage systems.  
Spill response : Use appropriate NIOHS/MSHA approved respirator. Wear chemical gloves, goggles, and lab coat. Carefully contain spilled material. Deposit spilled material in appropriate waste container. Wash spill area with soap and water.

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**Sericite O-I3**

**SECTION 7: HANDLING AND STORAGE**

**Handling :**

Use with adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling and before mealtimes. Follow all MSDS and label precautions even after container is emptied since it may contain residual material.

**Storage :**

Store containers closed in ambient location.

**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
- Skin Protection : Rubber gloves, wash at meals and end of shifts
- 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) :	> 1000°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) :	Greater than 1	Appearance & Odor :	Off-white to satin 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**

	<u>Mica</u>	<u>Isopropyl titanium triisostearate</u>
Skin Irritation :	No data	0.4 (Draize)
Eye Irritation :	No data	11.2 (modified Kay and Calandra) (rabbit)
Oral Toxicity (rat) :	LD <sub>50</sub> > 15,000 mg/kg	LD <sub>50</sub> > 2,000 mg/kg
Sensitization :	none	none

**SECTION 12: ECOLOGICAL INFORMATION**

Not available

**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**

Non-hazardous material

**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 : June 2, 2001  
Date Revised : January 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.