

# MATERIAL SAFETY DATA SHEET

## SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.  
Address : 3474 South Clinton Avenue  
South Plainfield, NJ 07080, USA  
Emergency Telephone # : (908) 757-0033  
Facsimile Number : (908) 757-0905  
Trade Name : **CO15M5**  
INCI Name/ Synonyms : Silica (and) Ricinus Communis (Castor) Seed Oil

## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	CAS #:	EINECS #:
Silica	7631-86-9	231-545-4
Ricinus Communis (Castor) Seed Oil	8001-79-4	232-293-8

## SECTION 3: HAZARD IDENTIFICATION

**Physical State and Appearance:** Yellow gel with characteristic odor  
**Emergency Overview:** May cause respiratory tract, eye and skin irritation

### Potential Acute Health Effects

**Eyes:** May cause eye irritation.  
**Skin:** May cause mild skin irritation.  
**Inhalation:** May cause respiratory tract irritation.  
**Ingestion:** Not expected to be toxic by ingestion.

## SECTION 4: FIRST AID MEASURES

### Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. Get medical attention if irritation persists.  
Skin Contact : Flush skin with soap and water for at least 15 min. Get medical attention if irritation persists.  
Ingestion : None needed for small amounts. For large amounts, call physician.

## SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : >282 °C  
Flammable Limits LEL/UEL % : N/A  
Extinguishing Media : CO<sub>2</sub>, Water spray, Dry Chemical, Foam  
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing  
Unusual Fire and Explosion Hazards : None known

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

## SECTION 7: HANDLING AND STORAGE

Handling : Use with adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling and before mealtimes.  
Storage : Store containers closed in ambient location.

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels:	OSHA	ACGIH
Component	TWA PEL	TWA TLV
Amorphous silica	6 mg/m <sup>3</sup>	10 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. (%) : N/A                  |
| Freezing Point (°C) : N/A                   | Vapor Density (Air=1) : N/A                         |
| Melting Point (°C) : N/A                    | Evaporation Rate (Buac=1) : N/A                     |
| Vapor Pressure (mm hg) : N/A                | Solubility In Water : Insoluble                     |
| Specific Gravity (H <sub>2</sub> O=1) : N/A | Appearance & Odor : Yellow gel, characteristic odor |

**SECTION 10: STABILITY AND REACTIVITY**

- Stable : Yes
- Hazardous Polymerization : Will not occur
- Conditions to Avoid : Open flames and sparks, extreme heat, oxidizing materials
- Incompatibility : Oxidizing materials and strong caustic materials can cause a reaction.
- Hazardous Decomposition Products : Incomplete combustion can form CO, CO<sub>2</sub>, and dense smoke

**SECTION 11: TOXICOLOGICAL INFORMATION**

- Amorphous Silica
- Skin Irritation : None
  - Primary Eye Irritation : Minimal irritation
  - Acute Oral Toxicity : Non-toxic, LD<sub>50</sub> > 10 g/kg (rat)
  - Sensitization : No data

**SECTION 12: ECOLOGICAL INFORMATION**

No data is 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**

No data is available.

**SECTION 15: REGULATORY INFORMATION**

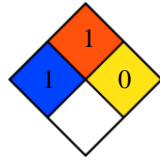
No data is available.

**SECTION 16: OTHER INFORMATION**

**Hazardous Material Information System (U.S.A.)** [Ratings Key: 4= Highest hazard, 0= Lowest hazard]

Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	C

**Classification by the National Fire Association** [Ratings Key: 4= Extreme danger, 0= No hazard]



Date Prepared : May 2, 2008  
By Neringa Kontrimiene  
Date Revised : September 1, 2009  
By Neringa Kontrimiene

**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.