

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 690 Montrose Avenue
South Plainfield, NJ 07080, USA
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **HL7M5**
INCI Name/ Synonyms : Silica (and) Hydrogenated Polyisobutene

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	CAS #:	EINECS #:
Silica	7631-86-9	231-545-4
Hydrogenated Polyisobutene	68937-10-0	Polymer

SECTION 3: HAZARD IDENTIFICATION

Physical State and Appearance: Clear gel with no 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) : >115°C
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : CO₂, 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: Component	OSHA		ACGIH	
	TWA	PEL	TWA	TLV
Amorphous silica	6 mg/m ³		10 mg/m ³	

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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 ₂ O=1) : N/A | Appearance & Odor : Clear gel, no 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, CO₂, and dense smoke

SECTION 11: TOXICOLOGICAL INFORMATION

- Amorphous Silica
- Skin Irritation : None
 - Primary Eye Irritation : Minimal irritation
 - Acute Oral Toxicity : Non-toxic, LD₅₀ > 10 g/kg (rat)

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	0
Fire Hazard	2
Reactivity	0
Personal Protection	C

- Date Prepared : September 26, 2008
 - Date Revised : October 20, 2008
 - Date Revised : February 24, 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.