

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 3474 South Clinton Avenue, So. Plainfield, NJ 07080
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **SILICA SHELLS-SH**
Chemical Name/ Synonyms : Silica (And) Methoxy Amodimethicone/Silsesquioxane Copolymer

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	EINECS #
Silica	7631-86-9	231-545-4
Methoxy Amodimethicone/Silsesquioxane Copolymer	68440-84-6, 67923-07-3	Polymer

SECTION 3: HAZARD IDENTIFICATION

Potential Health Effects:

Eye contact may cause mild eye irritation with discomfort, tearing, or blurring of vision.

No adverse effects are expected from incidental skin contact with amorphous silica dust.

Inhalation may cause drying of mucous membranes and irritation of nose, throat, and lungs with nose bleeding, cough, difficult breathing, or shortness of breath. Based on animal experiments, long term exposure to high doses could lead to pulmonary inflammation and subsequent development of chronic diseases. Amorphous silica does not induce the lung effects associated with crystalline silica.

Epidermiology studies have not shown any evidence of fibrosis in workers exposed to amorphous silica dust levels ranging from 2 to 7 mg/m³.

SECTION 4: FIRST AID MEASURES

Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. See physician if irritation persists.
Skin Contact : Flush skin with water.
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 water and call physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : Not flammable
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : N/A
Special Fire Fighting Procedures : N/A
Unusual Fire And Explosion Hazards : None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Scoop up. Be careful to avoid dust generation. To help avoid dust generation, cover the powder by a wet towel before scooping. The surface can then be washed with water.

SECTION 7: HANDLING AND STORAGE

Handling : Use with adequate ventilation. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage : Keep container tightly closed.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels: OSHA TWA ACGIH TWA
Amorphous silica 6 mg/m³ 10 mg/m³

SILICA SHELLS-SH**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)	: 2230	Percent Volatile By Vol. (%)	: N/A
Freezing Point (°C)	: N/A	Vapor Density (Air=1)	: N/A
Melting Point (°C)	: 1710	Evaporation Rate (Buac=1)	: N/A
Vapor Pressure (mm hg)	: N/A	Solubility In Water	: Insoluble
Bulk Density (g/cbi.)	: 0.05 – 0.1	Appearance & Odor	: White powder, characteristic odor
Specific Gravity	: 2.2		

SECTION 10: STABILITY AND REACTIVITY

Stable : Yes
Hazardous Polymerization : Will not occur
Conditions To Avoid : N/A
Incompatibility : N/A
Hazardous Decomposition Products : N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Amorphous Silica
Skin Irritation : None
Primary Eye Irritation : Minimal irritation
Acute Oral Toxicity : Non-toxic, LD₅₀ > 10 g/kg (rat)
Sensitization : No data

SECTION 12: ECOLOGICAL INFORMATION

No information was found.

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

DOT Regulation : Not regulated

SECTION 15: REGULATORY INFORMATION

EPA RCRA : No information was found.
FDA : Silica and Silicon dioxide are cleared under 21 CFR for food-related uses.
USA TSCA : February 1996 Inventory Tape, exempt from Update Rule.

SECTION 16: OTHER INFORMATION

Date Prepared : October 30, 2001
Date revised : January 23, 2002
Date revised : June 17, 2003
Date revised : December 9, 2003
Date Revised : July 14, 2009

SILICA SHELLS-SH

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.