

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 3474 South Clinton Avenue
South Plainfield, NJ 07080
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **DSPCS-I2**
INCI : Silica (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate
Chemical Name : Silica (And) Ethylene/Methacrylate Copolymer (And) Tris(Isooctadecanoato-O)(2-Propanolato)Titanium
Material Uses : Component in personal care products.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>EINECS #</u>	<u>Symbol(s)</u>	<u>EU Phrases</u>
Silica	7631-86-9	231-545-4		S22/25/36/37
Ethylene/Methacrylate Copolymer	Proprietary	Polymer		
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8		

SECTION 3: HAZARD IDENTIFICATION

Physical State and Appearance: Solid (waxy odor, off-white powder)

Emergency Overview: May cause respiratory tract, eye and skin irritation.

Routes of Entry: Eye contact and Inhalation. Ingestion (not anticipated).

Potential Acute Health Effects

Eyes: May cause eye irritation. Symptoms include itching and redness after contact.

Skin: May cause mild skin irritation. Symptoms include itching and redness after contact.

Inhalation: May cause respiratory tract irritation. Symptoms include coughing, wheezing or shortness of breath when inhaled.

Ingestion: Not an intended route of exposure. Symptoms include gastrointestinal tract upset and diarrhea.

Potential Chronic Health Effects

Additional information See Toxicological information (section 11)

Medical Conditions Overexposure: Aggravated by Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions.

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.

Skin Contact: In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reusing. Thoroughly clean shoes before reuse. If symptoms develop, seek medical attention.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, seek medical attention.

Ingestion: Do not ingest. If this material is swallowed, call a physician immediately. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Flammability: Not Combustible

Fire Fighting Media and Instructions: In case of fire, use water spray (fog), foam, dry chemical, or CO2

Protective Clothing (fire): Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Small Spill and Leak:** Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements. Check TLV in section 8 of MSDS and with local authorities.
- Spill Kit information:** No specific spill kit required for this product.

SECTION 7: HANDLING AND STORAGE

- Handling:** Avoid generating dust. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.
- Storage:** Keep container dry. Keep containers sealed until ready for use.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**Silica****Inhalation Standards**

TLV (US) = 10 mg/m³ total dust for particles not otherwise classified.

PEL (US) = 6 mg/m³ for nuisance dust.

MAK TRGS 900 (Germany) = 4 mg/m³ inhalable dust.

OES (UK) = 6 mg/m³ total inhalable, 2.4 mg/m³ respirable dust.

TLV (Australia) = 10 mg/m³ total dust containing no asbestos and < 1% crystalline silica.

Personal Protection:

- Eye:** Safety glasses with side shields or goggles
- Body:** Lab coat
- Respiratory:** Use NIOSH/MSHA approved air-purifying respirator as needed to control exposure.
- Hand:** Recommended: Gloves

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°C)	: N/A	Percent Volatile By Vol. (%)	: < 1.5
Freezing Point (°C)	: N/A	Vapor Density (Air=1)	: N/A
Melting Point (°C)	: 225	Evaporation Rate (Buac=1)	: N/A
Vapor Pressure (mm hg)	: N/A	Solubility In Water	: < 0.1
Bulk Density (Kg/M ³)	: N/A	Appearance & Odor	: Off-white powder, waxy odor

SECTION 10: STABILITY AND REACTIVITY

- Stable:** Stable
- Hazardous Polymerization:** None
- Incompatibility:** Strong acids and strong oxidizing agents.
- Hazardous Decomposition Products:** Nature of decomposition products is not known.

SECTION 11: TOXICOLOGICAL INFORMATION

	<u>Silica</u>	<u>Ethylene/MethacrylateCopolymer</u>
Skin Irritation	: None	No Data
Eye Irritation	: Minimal irritation	No Data
Oral Toxicity (rat)	: LD ₅₀ > 10 g/kg (rat)	LD ₅₀ > 19,000 mg/kg
Sensitization	: No data	No Data

Chronic Effects on Humans

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
 Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory damage.
 Target Organs: eyes, lungs, skin.

Acute Effects on Humans May cause skin, eye, and respiratory irritation.

Sensitization Repeated or prolonged exposure to the substance at concentrations above the exposure limits may cause respiratory tract and lung sensitization.

Carcinogenic Effects This material is not known to cause cancer in humans.

SECTION 12: ECOLOGICAL INFORMATION

Mobility : Not soluble in water, not mobile in soil.
 Persistence/Degradability : Not Applicable
 BioAccumulation : Not Applicable
 WGK Water Hazard Class : nwg (not water hazardous).
 Ethylene/MethacrylateCopolymer : Acute toxicity LC50 for goldfish >5000 ppm. at 96 hours exposure. (Nontoxic)

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of according to all federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated.
TDG Classification: Not regulated.
IMO/IMDG Classification: Not regulated.
ICAO/IATA Classification: Not regulated.

SECTION 15: REGULATORY INFORMATION

This product or its components are on the following inventories: European Inventory of Existing Commercial Chemicals
 Australia Inventory of Chemical Substances
 Japan Inventory of Existing & New Chemical Substances
 Canada DSL Inventory

SECTION 16: OTHER INFORMATION

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

Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	E

EU S phrases : S22/25/36/37 - Do not breathe dust, avoid contact with eyes, wear suitable protective clothing and gloves.

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 By Eric Smith
 Date Revised : June 10, 2009
 By Neringa Kontrimiene

Note:

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