

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 : **SPC/MST-547-I2**
Chemical Name/ Synonyms : Polymethylsilsesquioxane (And) Ethylene/Methacrylate Copolymer (And) Isopropyl Titanium Triisostearate

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS #</u>	<u>EINECS #</u>
Polymethylsilsesquioxane	68554-70-1	Polymer
Ethylene/Methacrylate Copolymer	25101-13-7	Polymer
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8

SECTION 3: HAZARD IDENTIFICATION

No particular danger

SECTION 4: FIRST AID MEASURES

Effects and Symptoms:

Toxicity Data:

Effects of Overexposure to Dust : May cause mechanical irritation to eyes.
Medical Conditions Aggravated by Exposure : Persons with respiratory 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 water to drink, induce vomiting, and call physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : N/A
Flammable Limits LEL/UEL % : N/A
Auto Ignition Temp : N/A
Extinguishing Media : Water, Dry Chemical, Foam, and CO2
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.

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. Follow all MSDS and label precautions even after container is emptied since it may contain residual material.
Storage : Store containers closed in ambient location.

SPC/MST-547-I2**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure Levels: <u>Component</u>	OSHA		ACGIH	
	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
None established				

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. (%)	: < 1.5%
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	: Negligible
Bulk Density (g/cbi.)	: N/A	Appearance & Odor	: Fine off-white powder, characteristic odor

SECTION 10: STABILITY AND REACTIVITY

Stable	: Yes
Hazardous Polymerization	: Will not occur
Conditions To Avoid	: None
Incompatibility	: None
Hazardous Decomposition Products	: Carbon monoxide, Carbon dioxide (CO ₂), Formaldehyde, Silicon dioxide. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300°F (150°C) and above, in atmospheres which contain oxygen.

SECTION 11: TOXICOLOGICAL INFORMATION

	<u>Polymethylsilsequioxane</u>
Primary Ocular Irritation	: Non-irritating (rabbit)
Primary Skin Irritation	: Non-irritating (rabbit)
Acute Oral Toxicity	: LD ₅₀ >6000 mg/kg (rabbit)
Mutagenicity (Ames Test)	: Negative
Sensitization (Magnusson-Kligmann)	: Negative (Guinea pig)

SECTION 12: ECOLOGICAL INFORMATION

The information is 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.
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SECTION 14: TRANSPORT INFORMATION

Non-hazardous material

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/NDSL Inventory
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SECTION 16: OTHER INFORMATION

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

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	E

Date Prepared : March 15, 2010
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.