

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 : **CM3KG60XZ4**
INCI Name : Zinc Oxide (And) Cyclopentasiloxane (And) PEG-10 Dimethicone (And) Hydrogen Dimethicone (And) Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient:</u>	<u>CAS #</u>	<u>EINECS #</u>
Zinc Oxide	1314-13-2	215-222-5
Cyclopentasiloxane	541-02-6	208-764-9
PEG-10 Dimethicone	68937-54-2	Polymer
Hydrogen Dimethicone	68037-59-2	Polymer
Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone	N/A	Polymer

SECTION 3: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Caution! Combustible Liquid and Vapor.
Keep away from heat, sparks, and flame.
Refer to other MSDS sections for detailed information.

SECTION 4: FIRST AID MEASURES

Effects and Symptoms:

Medical Conditions Aggravated by Exposure : Persons with respiratory conditions may be at increased risk.
Primary Route(s) of Entry : 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 and call physician. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

FlashPoint (Closed Cup) : >77 ° C
Flammable Limits LEL/UEL % : 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 : Can burn in fire, releasing toxic vapors. Vapors are heavier than air and can travel along ground to remote ignition sources.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Eye contact and excessive skin 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. Keep away from heat, sparks and open flame.

CM3KG60XZ4**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION****Exposure Levels:**

<u>Component</u>		<u>OSHA's PEL</u>	<u>ACGIH's TLV</u>
Zinc Oxide	Nuisance Dust	15 mg/m ³	10mg/m ³
	Respirable Dust	5 mg/m ³	5 mg/m ³

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)	: < -10	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	: Off-white viscous fluid, slight 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 can cause a reaction
Hazardous Decomposition Products	: Incomplete combustion can form CO, CO ₂ , and dense smoke

SECTION 11: TOXICOLOGICAL INFORMATION

	<u>Zinc Oxide</u>	<u>Cyclopentasiloxane</u>
Skin Irritation	: None when 0.5 mL/patch of 50 % water dispersion	Non-irritant
Eye Irritation	: Slight stimulus, Draize Score= 6.67	Non-irritant (rabbit)
Acute Oral Toxicity	: Non-toxic, LD ₅₀ > 2 g/kg (rat)	LD ₅₀ > 5,000 mg/kg
Acute Skin Toxicity	: Non-toxic, LD ₅₀ > 2 g/kg (rat)	No data
Sensitization	: No data	Non-sensitizing
Inhalation LC ₅₀	: No data	Saturated vapor, 8 hour, no death
Mutagenicity	: Negative (Ames test)	No data

Chronic Effects on Humans **CARCINOGENIC EFFECTS:** Classified None by NIOSH [Zinc Oxide]. Classified A4 (not classifiable for human or animal) by ACGIH. 3 (not classifiable for human) by IARC [Zinc Oxide].

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 animals or humans.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity of the Products of Biodegradation : N/A

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

FOR BULK CONTAINERS (>119 GAL) ONLY:

DOT Shipping Name : Combustible Liquid N.O.S. (contains Decamethylcyclotrasiloxane)
DOT Hazard Class : Combustible Liquid
DOT Label(s) : None
UN/NA Number : NA1993
Placards : Combustible

SECTION 15: REGULATORY INFORMATION

The information is not available.

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (USA) [Ratings Key: 4= Highest hazard, 0= Lowest hazard]

Health	1
Fire Hazard	2
Reactivity	0
Personal Protection	C

Date Prepared : July 14, 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.