

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 3474 South Avenue
South Plainfield, NJ 07080, USA
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **DM2F50XZ4**
INCI Name : Zinc Oxide (And) Dimethicone (And) Trisiloxane (And) Methicone (And) PEG-9 Polydimethylsiloxylethyl Dimethicone

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient:</u>	<u>CAS #:</u>	<u>EINECS #:</u>
Zinc Oxide	1314-13-2	215-222-5
Dimethicone	9006-65-9, 63148-62-9, 9016-00-6	Polymer
Trisiloxane	107-51-7	203-497-4
Methicone	9004-73-3, 63148-57-2	Polymer
PEG-9 Polydimethylsiloxylethyl Dimethicone	---	Polymer

SECTION 3: HAZARD IDENTIFICATION

No particular danger

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 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.

SECTION 5: FIRE FIGHTING MEASURES

- Flash Point (Closed Cup) : N/A
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Dry Chemical, Foam, CO₂, and water spray
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards : Foam or water can cause frothing.

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.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

<u>Exposure Levels:</u>	OSHA		ACGIH	
<u>Component</u>	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
Not established				

DM2F50XZ4

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

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|---|--|
| Boiling Point (°C) : N/A | Percent Volatile By Vol. (%) : N/A |
| Freezing Point (°C) : N/A | Vapor Density (Air=1) : Not determined |
| Melting Point (°C) : N/A | Evaporation Rate (Buac=1) : Not determined |
| Vapor Pressure (mm hg) : N/A | Solubility In Water : Dispersible |
| Specific Gravity (H ₂ O=1) : N/A | Appearance & Odor : Off white slurry, slight characteristic odor |

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

- Zinc Oxide
- Skin Irritation : None when 0.5 mL/patch of 50 % water dispersion
 - Primary Eye Irritation : Slight stimulus, Draize Score= 6.67
 - Acute Oral Toxicity : Non-toxic, LD₅₀ > 2 g/kg (rat)
 - Acute Skin Toxicity : Non-toxic, LD₅₀ > 2 g/kg (rat)
 - Mutagenicity : Negative (Ames test)

- 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

- 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 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 (U.S.A.) [Ratings Key: 4= Highest hazard, 0= Lowest hazard]

Health	0
Fire Hazard	1
Reactivity	0
Personal Protection	C

Date Prepared : March 25, 2009
 By Neringa Kontrimiene

Note:

The statements made here are based upon technical data that Kobo Products Inc. believes to be reliable, 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.