

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 : **MTM3F25VM-AL**
Chemical Name/ Synonyms : Methyl Trimethicone (And) Titanium Dioxide (And) Alumina (And) Lauryl PEG-9
Polydimethylsiloxoethyl Dimethicone (And) Methicone

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS #</u>	<u>EINECS #</u>
Methyl Trimethicone	17928-28-8	241-867-7
Titanium Dioxide	13463-67-7	236-675-5
Lauryl PEG-9 Polydimethylsiloxoethyl Dimethicone	---	Polymer
Alumina	1333-84-2, 1344-28-1	215-691-6
Methicone	9004-73-3	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

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.
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

Flash Point (Closed Cup) : 64°C
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water spray, Dry Chemical, Foam, CO₂
Special Fire Fighting Procedures : Combustible.
Unusual Fire And Explosion Hazards : Can burn in fire, releasing toxic vapors.

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 : 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 temperature location away from all possible combustion. Recommended storage below 30°C.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels:	OSHA		ACGIH	
	TWA	PEL	TWA	TLV
TiO ₂		15 mg/m ³		10 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°C)	: 86°C	Percent Volatile By Vol. (%)	: About 63 %
Freezing Point (°C)	: Unknown	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
Bulk Density (g/cu. in.)	: N/A	Appearance & Odor	: White slurry, slight characteristic odor
Specific Gravity (H ₂ O=1)	: about 1.0		

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 and strong caustic materials can cause a reaction.
Hazardous Decomposition Products	: Incomplete combustion can form CO, CO ₂ , and dense smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

<u>Titanium Dioxide*</u>	
Skin Irritation	: Dermal LD ₅₀ > 10 g/kg (rabbit)
Eye Irritation	: No data
Acute Oral Toxicity	: Non-toxic, LD ₅₀ > 25 g/kg (rat)
Inhalation LC ₅₀	: >6.82 mg/L (4 hour)
Sensitization	: No data

*: Trochimowicz. et. Al., J. Appl. Tox. 8, 383-385 (1998)

Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Classified None by NIOSH [Titanium Dioxide]. Classified A4 (not classifiable for human or animal) by ACGIH. Classifiable Group 2B (Possibly carcinogenic to humans) by IARC [Titanium Dioxide].</p> <p>MUTAGENIC EFFECTS: Not available.</p> <p>TERATOGENIC EFFECTS: Not available.</p> <p>DEVELOPMENTAL TOXICITY: Not available.</p> <p>Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory damage.</p> <p>Target Organs: eyes, lungs, skin.</p>
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 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**FOR BULK CONTAINERS (>119 GAL) ONLY:**

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

IATA : Not regulated
 IMO IMDG-code : Not applicable
 EMS No : Not applicable
 European Class:
 RID (OCTI) : Not applicable
 ADR (ECE) : Not applicable
 RAR (IATA) : Not applicable

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

SECTION 16: OTHER INFORMATION**Hazardous Material Information System (U.S.A.)** [Ratings Key: 4= Highest hazard, 0= Lowest hazard]

Health	0
Fire Hazard	2
Reactivity	0
Personal Protection	E

Date Prepared : August 5, 2008
 By Neringa Kontrimiene
 Date Revised : December 7, 2009
 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.