

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 690 Montrose Avenue
So. Plainfield, NJ 07080
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **ZnO FSF-MM5**
Chemical Name/ Synonyms : Zinc Oxide (And) Magnesium Myristate
INCI Name : Zinc Oxide (And) Magnesium Myristate

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	EINECS #
Zinc Oxide	1314-13-2	215-222-5
Magnesium Myristate	4086-70-8	223-817-6

SECTION 3: HAZARD IDENTIFICATION

No particular danger

SECTION 4: FIRST AID MEASURES

Effects and Symptoms:

Effects of Overexposure : 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.

Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. Get medical attention.
Skin Contact : Wash exposed areas with soap and water.
Inhalation : Remove to fresh air
Ingestion : Do not induce vomiting. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : Not flammable
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water, fog, foam, dry chemical or CO₂
Special Fire Fighting Procedures : None.
Unusual Fire And Explosion Hazards : None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Eye contact and excessive skin contact.
Environmental Precautions: : N/A
Spill response : Sweep material into a closable container for disposal.

SECTION 7: HANDLING AND STORAGE

Handling : Keep container closed when not in use. Avoid inhalation of dust and contact with eyes.
Storage : Store in a dry cool area.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels:

Component		OSHA's PEL	ACGIH's TLV
ZnO	Nuisance Dust	15 mg/m ³	10mg/m ³
	Respirable Dust	5 mg/m ³	5 mg/m ³

ZnO FSF-MM5

Personal Protection:

Eye Protection	: Safety glasses with side shields or goggles
Skin Protection	: Rubber or plastic film gloves. Wash hands after handling
Protective clothing	: Rubber apron
Ventilation	: Provide adequate local mechanical exhaust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°C)	: N/A	Percent Volatile By Vol. (%)	: N/A
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	: Not soluble
Bulk Density (g/cbi.)	: N/A	Appearance & Odor	: White to Off-white powder, Odorless
Specific Gravity (H ₂ O=1)	: N/A		

SECTION 10: STABILITY AND REACTIVITY

Stable	: Yes
Hazardous Polymerization	: May not occur
Conditions To Avoid	: None.
Incompatibility	: None.
Hazardous Decomposition Products	: None.

SECTION 11: TOXICOLOGICAL INFORMATION

	<u>ZnO</u>	<u>Magnesium Myristate</u>
Skin Irritation	: None when 0.5 mL/patch of 50 % water dispersion	Non-irritant
Primary Eye Irritation	: Slight stimulus, Draize Score= 6.67	Non-data
Acute Oral Toxicity	: Non-toxic, LD ₅₀ > 2 g/kg (rat)	Non-toxic, LD ₅₀ > 5 g/kg (rat)
Acute Skin Toxicity	: Non-toxic, LD ₅₀ > 2 g/kg (rat)	No data
Mutagenicity	: Negative (Ames test)	No data
Sensitization	: No data	No data

SECTION 12: ECOLOGICAL INFORMATION

No Data

SECTION 13: DISPOSAL CONSIDERATIONS

Method of Disposal : Dispose of in accordance to federal, state and local regulations. Do not discharge into waterways or sewer system.

SECTION 14: TRANSPORT INFORMATION

The same precautions as those described in Section 7. Handling and Storage should be exercised.

SECTION 15: REGULATORY INFORMATION

Label Name : ZnO FSF-MM5

SECTION 16: OTHER INFORMATION

Date Prepared : November 4, 2004

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.