

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 690 Montrose Avenue
So. Plainfield, NJ 07080 USA
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **INH73MZ**
Chemical Name/ Synonyms : Zinc Oxide (And) Isononyl Isononanoate (And) Polyglyceryl-6 Polyricinoleate (And) Isopropyl Titanium Triisostearate
INCI Name : Zinc Oxide (And) Isononyl Isononanoate (And) Polyglyceryl-6 Polyricinoleate (And) Isopropyl Titanium Triisostearate

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	EINECS #
Zinc Oxide	1314-13-2	215-222-5
Isononyl Isononanoate	59219-71-5	261-665-2
Polyglyceryl-6 Polyricinoleate	107615-51-0; 29894-35-7 (generic); 114355-43-0	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:

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 : 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.
Ingestion : None needed for small amounts. For large amounts, call physician. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : > 185° C
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water spray, Dry Chemical, Foam, CO2. Water may cause foaming.
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.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels:

<u>Component</u>		<u>OSHA's PEL</u>	<u>ACGIH's TLV</u>
ZnO	Nuisance Dust	15 mg/m ³	10mg/m ³
	Repsirabel 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)	: > 235°C	Percent Volatile By Vol. (%)	: < 1.0 %
Freezing Point (°C)	: < -15°C	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)	: about 2.1	Appearance & Odor	: Viscous Cream/White Fluid, Slight 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, strong acids, strong alkalis can cause a reaction.
- Hazardous Decomposition Products : N/A

SECTION 11: TOXICOLOGICAL INFORMATION

	<u>Isononyl Isononanoate</u>	<u>Isopropyl Titanium Triisostearate</u>
Skin Irritation	: Non-irritant	Minimal irritant
Primary Eye Irritation (rabbit)	: Non-irritant Average Draize score = 0.00	Mild irritant Average Draize score = 0.40
Acute Oral Toxicity	: Single dose LD ₅₀ > 5 g/kg (mice)	Non-toxic, LD ₅₀ > 2 g/kg (rat)
Sensitization	: No data	Non-sensitizer (guinea pig)
<u>Zinc Oxide</u>		
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, LD ₅₀ > 2 g/kg (rat)	
Acute Skin Toxicity	: Non-toxic, LD ₅₀ > 2 g/kg (rat)	
Mutagenicity	: Negative (Ames test)	

SECTION 12: ECOLOGICAL INFORMATION

No information is 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.

SECTION 14: TRANSPORT INFORMATION

Not Hazardous material.

SECTION 15: REGULATORY INFORMATION

No information is available.

SECTION 16: OTHER INFORMATION

HMIS Ratings : Health - 0 Flammability -1 Reactivity - 0

Ratings Key : 4= Highest hazard, 0= Lowest hazard,

Date Prepared : February 19, 1999

Dated Revised : April 25, 2006

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.