

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 690 Montrose Avenue
South Plainfield, NJ 07080
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **PM9P25XZ4**
INCI : Isododecane (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Methicone
Chemical Name : Pentamethylheptane (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Methicone
Material Uses : Component in personal care products.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	CAS #:	EINECS #:
Isododecane	13475-82-6	236-757-0
Zinc Oxide	1314-13-2	215-222-5
Polyhydroxystearic Acid	27924-99-8	
Methicone	9004-73-3	---

SECTION 3: HAZARD IDENTIFICATION

Physical State and Appearance: Off-white slurry with characteristic odor.

Emergency Overview: May cause eye and skin irritation.

Routes of Entry: Eye contact and skin.

Potential Acute Health Effects

- Eyes:** May cause eye irritation. Symptoms include itching and redness after contact.
Skin: May cause mild skin irritation. Symptoms include itching and redness after contact.
Inhalation: May cause respiratory tract irritation. Symptoms include: coughing, wheezing or shortness of breath when inhaled.
Ingestion: Not hazardous in case of ingestion.

Potential Chronic Health Effects

Additional information See Toxicological information (section 11)

Medical Conditions Overexposure: Aggravated by Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions.

SECTION 4: FIRST AID MEASURES

- Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.
Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reusing. Thoroughly clean shoes before reuse. If symptoms develop, seek medical attention.
Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, seek medical attention.
Ingestion: If conscious, give milk to drink, induce vomiting, and call physician.

SECTION 5: FIRE FIGHTING MEASURES

- FlashPoint (Closed Cup) : > 102° C
Flammable Limits LEL/UEL % : 0.6% 4.7%
Extinguishing Media : Water spray, Dry Chemical, Foam, 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

- Small Spill and Leak** : Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.
- Large Spill and Leak** : Use appropriate tools to put the spill material into a labeled waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements. Check TLV in section 8 of MSDS and with local authorities.
- Spill Kit information** : No specific spill kit required for this product.

SECTION 7: HANDLING AND STORAGE

- Handling** : Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.
- Storage** : Keep container dry. Keep containers sealed until ready for use.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels:	OSHA	ACGIH
<u>Component</u>	<u>OSHA's PEL</u>	<u>ACGIH's TLV</u>
ZnO (Total Dust)	15 mg/m ³	10mg/m ³

Personal Protection:

- Eye:** Safety glasses with side shields or goggles
- Body:** Lab coat
- Respiratory:** Use NIOSH/MSHA approved air-purifying respirator as needed to control exposure.
- Hand:** Recommended: Gloves

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	: Insoluble
Bulk Density (g/cbi.)	: N/A	Appearance & Odor	: off white slurry with characteristic odor

SECTION 10: STABILITY AND REACTIVITY

- Stable:** Stable
- Hazardous Polymerization:** Will not occur
- Incompatibility:** Strong oxidizing agents.
- 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]. Classified None.
- MUTAGENIC EFFECTS:** Not available.
- TERATOGENIC EFFECTS:** Not available.
- DEVELOPMENTAL TOXICITY:** Not available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity of the Products Of Biodegradation: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

DOT SHIPPING FOR BULK CONTAINERS (>119 GAL) ONLY:

(Based on 30% Pentamethylheptane)

Hazard Class or division : 3

UN/NA Number : UN2286

Packing group : PG III

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

SECTION 16: OTHER INFORMATION

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

Health	0
Fire Hazard	2
Reactivity	0
Personal Protection	C

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Prepared By : Eric Smith

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.