

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

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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 : **PM9P20M170**  
Chemical Name/ Synonyms : Titanium Dioxide (And) Isododecane (And) Alumina (And) Methicone (And)  
Polyhydroxystearic Acid  
INCI Name : Titanium Dioxide (And) Isododecane (And) Alumina (And) Methicone (And)  
Polyhydroxystearic Acid

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	CAS #	EINECS #
Titanium Dioxide	13463-67-7	236-675-5
Isododecane	141-70-8	205-495-9
Alumina	1344-28-1	215-691-6
Methicone	9004-73-3	---
Polyhydroxystearic Acid	27924-99-8	---

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## SECTION 3: HAZARD IDENTIFICATION

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No particular danger

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## SECTION 4: FIRST AID MEASURES

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### Emergency First Aid:

Eye Contact : Flush eyes with water for at least 15 min. See physician if irritation persists.  
Skin Contact : Remove contaminated clothing. Flush skin with soap and water for at least 15 min.  
Inhalation : Remove to fresh air. If breathing is difficult give oxygen. If not breathing, give artificial respiration. See physician.  
Ingestion : None needed for small amounts. For large amounts, call physician. Do not induce vomiting.

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## SECTION 5: FIRE FIGHTING MEASURES

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Flash Point (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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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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.

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## SECTION 7: HANDLING AND STORAGE

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**PM9P20M170**

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**

<b>Exposure Levels:</b>	OSHA	ACGIH
<u>Component</u>	<u>TWA</u> <u>PEL</u>	<u>TWA</u> <u>TLV</u>
TiO2	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**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) :	> 210°C	Percent Volatile By Vol. (%) :	N/A
Freezing Point (°C) :	< -70°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
Bulk Density (g/cbi.) :	N/A	Appearance & Odor :	white to off white slurry, Characteristic Odor
Specific Gravity (H2O=1) :	N/A		

**SECTION 10: STABILITY AND REACTIVITY**

Stable : Yes

Hazardous Polymerization : Will not occur

Conditions To Avoid : Open flames and sparks, extreme heat, oxidizing materials

Incompatibility : Strong Oxidizers

Hazardous Decomposition Products : Thermal decomposition may produce CO, CO2, and other potentially toxic or irritating fumes.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Titanium Dioxide

Skin Irritation : No data

Primary Eye Irritation : Non-irritating, Draize score = 0.00 (rabbit)

Acute Oral Toxicity : Non-toxic, LD<sub>50</sub> > 5 g/kg (rat)

Sensitization : No data

**SECTION 12: ECOLOGICAL INFORMATION**

No Data

**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**

(Based on 30% Isododecane)

Hazard Class or division : 3

UN/NA Number : UN2286

Packing group : PG III

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**PM9P20M170**

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**SECTION 15: REGULATORY INFORMATION**

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No information is available.

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**SECTION 16: OTHER INFORMATION**

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HMIS Ratings : Health - 0 Flammability -1 Reactivity - 0  
Ratings Key : 4= Highest hazard, 0= Lowest hazard,

Date Prepared : May 29, 2003  
Last Revision : January 9, 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.