

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 : **PM9P50M170**
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

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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	---

SECTION 3: HAZARD IDENTIFICATION

No particular danger

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 : 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.

SECTION 5: FIRE FIGHTING MEASURES

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.

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

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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:	OSHA	ACGIH
<u>Component</u>	<u>TWA</u> <u>PEL</u>	<u>TWA</u> <u>TLV</u>
TiO2	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.
 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) : 1.39	

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, LD₅₀ > 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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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 : 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.