

# 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  
Emergency Telephone # : (908) 757-0033  
Facsimile Number : (908) 757-0905  
Trade Name : **WE70U**  
Chemical Name/ Synonyms : Titanium Dioxide (And) Polyglyceryl-4 Isostearate (And) Cetyl Dimethicone Copolyol (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate  
INCI Name : Titanium Dioxide (And) Polyglyceryl-4 Isostearate (And) Cetyl Dimethicone Copolyol (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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<u>Chemical Name</u>	<u>CAS #</u>	<u>EINECS #</u>
Titanium Dioxide	13463-67-7	236-675-5
Polyglyceryl-4 Isostearate	91824-88-3	
Cetyl Dimethicone Copolyol	134737-04-5	
Hexyl Laurate	34316-64-8	251-932-1
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8

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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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### Effects and Symptoms:

Effects of Overexposure : May cause mechanical irritation to eyes.  
Medical Conditions Aggravated by Exposure : Significant exposure may adversely affect people with chronic disease of the central nervous, blood, skin and/or cardiovascular systems.  
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.  
Inhalation : Remove to fresh air. If breathing is difficult give oxygen. See physician.  
Ingestion : None needed for small amounts. For large amounts, if conscious, give water and call physician. Do not induce vomiting.

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## SECTION 5: FIRE FIGHTING MEASURES

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Flash Point (Closed Cup) : > 105° C  
Flammable Limits LEL/UEL % : N/A  
Extinguishing Media : Dry Chemical, Foam, CO<sub>2</sub>, water spray. Do not use direct water stream.  
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing.  
Unusual Fire And Explosion Hazards : None expected

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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.

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**WE70U**

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**

<b>Exposure Levels:</b> <u>Component</u>	OSHA		ACGIH	
	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
Titanium Dioxide		5 mg/m <sup>3</sup> (respirable)		5 mg/m <sup>3</sup> (respirable)

**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)	: N/A	Percent Volatile By Vol. (%)	: < 1.0 %
Freezing Point (°C)	: < -10°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	: Unknown
Bulk Density (g/cbi.)	: N/A	Appearance & Odor	: Viscous White Fluid, Slight Odor
Specific Gravity (H <sub>2</sub> O=1)	: 1.80 - 2.00		

**SECTION 10: STABILITY AND REACTIVITY**

Stable : Yes  
 Hazardous Polymerization : Will not occur  
 Conditions To Avoid : Open flames and sparks, extreme heat, oxidizing materials  
 Incompatibility : None  
 Hazardous Decomposition Products : CO, CO<sub>2</sub>, SiO<sub>2</sub>, Hydrocarbon fragments.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Titanium Dioxide\*  
 Skin Irritation : Dermal LD<sub>50</sub> > 10 g/kg (Rabbit)  
 Acute Oral Toxicity : Non-toxic, LD<sub>50</sub> > 25 g/kg (rat)  
 Inhalation LC<sub>50</sub> : >6.82 mg/L (4 hour)  
 \*: Trochimowicz.. et. Al., J. Appl. Tox., 8, 383-385 (1998)

**SECTION 12: ECOLOGICAL INFORMATION****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**

**WE70U**

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**SECTION 15: REGULATORY INFORMATION**

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Label Name : **WE70U**

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**SECTION 16: OTHER INFORMATION**

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Date Prepared : November 4, 2004

Date Revised : July 19, 2002

**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.