

# 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  
South Plainfield, NJ 07080  
Emergency Telephone # : (908) 757-0033  
Facsimile Number : (908) 757-0905  
Trade Name : **SW55EB**  
Chemical Name/ Synonyms : Iron Oxide (And) Tris(Isooctadecanoato-O)(2-Propanolato)Titanium (And) Synthetic Wax  
INCI Name : Iron Oxide (C.I. 77499) (And) Isopropyl Titanium Triisostearate (And) Synthetic Wax

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## SECTION 2: COMPOSTION / INFORMATION ON INGREDIENTS

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Ingredients	CAS #	EINECS #
Iron Oxide (C.I. 77499)	1317-61-9	215-277-5
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8
Synthetic Wax	---	---

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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 to Dust : 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 : Inhalation or 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 to drink and induce vomiting. Call physician.

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## SECTION 5: FIRE FIGHTING MEASURES

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Flash Point (Closed Cup) : N/A  
Flammable Limits LEL/UEL % : N/A  
Extinguishing Media : Water, Dry Chemical, Foam, and CO<sub>2</sub>  
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing.  
Unusual Fire and Explosion Hazards : None known

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions : Avoid skin and eye 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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**Handling :**

**SW55EB**

Use with adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling and before mealtimes. Handling of fine powders may result in static charges. Proper grounding of processing equipment is recommended. 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>
Iron Oxide		15mg/m3		10mg/m3

**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. (%)	: 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
Specific Gravity (g/cc.)	: N/A	Appearance & Odor	: Black viscous liquid, Slight Waxy Odor

**SECTION 10: STABILITY AND REACTIVITY**

Stable : Yes  
 Hazardous Polymerization : Will not occur  
 Conditions to Avoid : Keep away from extreme heat, sparks, flame, and other ignition sources  
 Incompatibility : Acids and strong oxidizing agents  
 Hazardous Decomposition Products : None

**SECTION 11: TOXICOLOGICAL INFORMATION**

	<u>Iron Oxide</u>	<u>Isopropyl Titanium Triisostearate</u>
Skin Irritation (rabbit)	: No data	Minimal Irritant
Primary Eye Irritation (rabbit)	: Mild-irritant Average Draize score = 0.00	Mild irritant Average Draize score = 0.40
Acute Oral Toxicity (rat)	: Non-toxic, LD <sub>50</sub> > 15 g/kg (rat)	Non-toxic, LD <sub>50</sub> > 2 g/kg (rat)
Sensitization	: Non-toxic	Non-sensitizer (guinea pig)

**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**

DOT Classification: Not Regulated

**SECTION 15: REGULATORY INFORMATION**

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No information is available.

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**SECTION 16: OTHER INFORMATION**

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Date Prepared : January 14, 2004

By Eric Smith

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

Health	0
Fire Hazard	1
Reactivity	0
Personal Protection	C

EU S Phrases: S25/36- avoid contact with eyes and wear suitable protective clothing.

**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.