

# MATERIAL SAFETY DATA SHEET

## SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

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 : **WE70B**  
Chemical Name/ Synonyms : Ferrous Oxide (C.I. 77499) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/Ppg-10/1  
Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate  
INCI Name : Iron Oxides (C.I. 77499) (And) Polyglyceryl-4 Isostearate (And) Cetyl PEG/Ppg-10/1  
Dimethicone (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate

## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	CAS #:	EINECS #:
Iron Oxides (C.I. 77499)	12227-89-3	235-442-5
Polyglyceryl-4 Isostearate	91824-88-3	---
Cetyl PEG/Ppg-10/1 Dimethicone	144243-53-8	Polymer
Hexyl Laurate	34316-64-8	251-932-1
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8

## SECTION 3: HAZARD IDENTIFICATION

No particular danger

## SECTION 4: FIRST AID MEASURES

### Effects and Symptoms:

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.

Ingestion : None needed for small amounts. For large amounts, if conscious, give water and call physician. Do not induce vomiting.

## SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : > 105° C

Flammable Limits LEL/UEL % : N/A

Extinguishing Media : Dry Chemical, Foam, CO<sub>2</sub>, and 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

## 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

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.

**WE70B**

**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>
Iron Oxides	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. (%) : < 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 Black Fluid, Slight Odor
Specific Gravity (H <sub>2</sub> O=1) : 1.90 - 2.20	

**SECTION 10: STABILITY AND REACTIVITY**

- Stable : Yes
- Hazardous Polymerization : Will not occur
- Conditions To Avoid : Open flames and sparks, extreme heat, oxidizing materials
- Incompatibility : Avoid contact with peroxides, chlorates, perchlorates, nitrates, and permanganates.
- Hazardous Decomposition Products : CO, CO<sub>2</sub>, SiO<sub>2</sub>, Hydrocarbon fragments.

**SECTION 11: TOXICOLOGICAL INFORMATION**

- Iron Oxides
- Skin Irritation (rabbit) : No data
- Primary Eye Irritation : Mild-irritant (rabbit) Average Draize score = 0.00
- Acute Oral Toxicity (rat) : Non-toxic, LD<sub>50</sub> > 15 g/kg (rat)
- Sensitization : Non-toxic

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity of the Products of Biodegradation:** N/A

**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**

Not regulated.

**SECTION 15: REGULATORY INFORMATION**

**International List**

- Australia (NICNAS): IRON OXIDES
- JAPAN (MITI): IRON OXIDES
- Korea (TCCL): IRON OXIDES
- Philippines (RA6969): IRON OXIDES

**State Regulations**

- Pennsylvania RTK: IRON OXIDES: (generic environmental hazard)
- Massachusetts RTK: IRON OXIDES
- New Jersey: IRON OXIDES

**WE70B****SECTION 16: OTHER INFORMATION**

**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

Date Prepared : November 12, 1999  
Date Revised : March 18, 2002  
Last Revision : October 28, 2005  
By Eric Smith  
Date Revised : July 31, 2008

**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.