

# 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 : **WE70R**  
Chemical Name/ Synonyms : Ferric Oxide (C.I. 77491) (And) Polyglyceryl-4 Isostearate (And) Cetyl Dimethicone Copolyol (And) Hexyl Laurate (And) Isopropyl Titanium Triisostearate  
INCI Name : Iron Oxide (C.I. 77491) (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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Chemical Name	CAS #	EINECS #
Ferric Oxide	1309-37-1	215-168-2
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.  
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, CO2, 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.  
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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WE70R

**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**

Exposure Levels: Component	OSHA		ACGIH	
	TWA	PEL	TWA	TLV
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. (%) : < 1.0 %
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 : Not soluble.
Bulk Density (g/cbi.) : N/A	Appearance & Odor : Viscous Red Fluid, Slight Odor
Specific Gravity (H <sub>2</sub> O=1) : 2.04	

**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 Oxide

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**

No information available

**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**

No information available

## WE70R

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### SECTION 15: REGULATORY INFORMATION

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Label Name : **WE70R**

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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 : December 17, 1999  
Last revised : April 14, 2000

**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.