

# MATERIAL SAFETY DATA SHEET

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## SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

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Manufacturer/Distributor : Kobo Products, Inc.  
Address : 3474 South Clinton Avenue  
South Plainfield, NJ 07080  
Emergency Telephone # : (908) 757-0033  
Facsimile Number : (908) 757-0905  
Trade Name : **ASI RED R-516P**  
INCI Name : Iron Oxides (And) Isopropyl Titanium Triisostearate (And) Sodium Lauroyl Aspartate (And) Zinc Chloride  
Material Uses : Colorant-Component in personal care products  
Chemical Family : Color additive

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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<u>Ingredient:</u>	<u>CAS #:</u>	<u>EINECS #:</u>
Iron Oxides	1309-37-1	215-168-2
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8
Sodium Lauroyl Aspartate	41489-18-3	---
Zinc Chloride	7646-85-7	231-592-0

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## SECTION 3: HAZARD IDENTIFICATION

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None Known

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## SECTION 4: FIRST AID MEASURES

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**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reusing. Thoroughly clean shoes before reuse. If symptoms develop, seek medical attention.

**Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, seek medical attention.

**Ingestion:** Do not ingest. If this material is swallowed, call a physician immediately. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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## SECTION 5: FIRE FIGHTING MEASURES

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**Flammability:** N/A  
**Fire Fighting Media and Instructions:** In case of fire, use water spray (fog), foam, dry chemical, or CO2  
**Protective Clothing (fire):** Wear self-contained breathing apparatus and full protective clothing.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Small Spill and Leak:** Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.

**Large Spill and Leak:** Use appropriate tools to put the spill material into a labeled waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements. Check TLV in section 8 of MSDS and with local authorities.

**Spill Kit information:** No specific spill kit required for this product.

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## SECTION 7: HANDLING AND STORAGE

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**Handling:** Avoid generating dust. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.

**Storage:** Keep container dry and store away from combustibles or flammables.

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**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	15 mg/m3	10 mg/m3

**Personal Protection:**

<b>Eye:</b>	Safety glasses with side shields or goggles
<b>Body:</b>	Lab coat
<b>Respiratory:</b>	Use NIOSH/MSHA approved air-purifying respirator as needed to control exposure.
<b>Hand:</b>	Recommended: Gloves

**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)	: > 1000	Evaporation Rate (Buac=1)	: N/A
Vapor Pressure (mm hg)	: N/A	Solubility In Water	: Insoluble
Bulk Density (g/cbi.)	: N/A	Appearance & Odor	: Red powder, characteristic odor

**SECTION 10: STABILITY AND REACTIVITY**

Stable:	Stable
Hazardous Polymerization:	None
Incompatibility:	Strong oxidizing agents and strong acids Strong acids and strong oxidizing agents and strong caustic materials can cause a reaction.
Hazardous Decomposition Products:	Flammable solids, emits toxic fumes under fire conditions.

**SECTION 11: TOXICOLOGICAL INFORMATION**

	<u>Iron Oxides</u>
Skin Irritation	: No Data
Eye Irritation	: Mild-Irritant (Rabbit); Average Draize score = 0.00
Acute Oral Toxicity	: Non-toxic, LD <sub>50</sub> > 15 g/kg (rat)

**Chronic Effects on Humans**

**CARCINOGENIC EFFECTS:**  
 Classified None. By NIOSH [Iron Oxides]. Classified A4 (not classifiable for human or animal.) by AGIH, 3 (not classifiable for human.) by IARC [Iron Oxides].  
**MUTAGENIC EFFECTS:** Not available.  
**TERATOGENIC EFFECTS:** Not available.  
**DEVELOPMENTAL TOXICITY:** Not available.  
 Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory damage.  
 Target Organs: eyes, lungs, skin.

**Acute Effects on Humans** May cause skin, eye, and respiratory irritation.

**Sensitization** Repeated or prolonged exposure to the substance at concentrations above the exposure limits may cause respiratory tract and lung sensitization.

**Carcinogenic Effects** This material is not known to cause cancer in animals or humans.

**SECTION 12: ECOLOGICAL INFORMATION**

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

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Treatment** Dispose of according to all federal, state and local regulations.

