

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

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

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<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

SECTION 3: HAZARD IDENTIFICATION

None Known

SECTION 4: FIRST AID MEASURES

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.

SECTION 5: FIRE FIGHTING MEASURES

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

SECTION 7: HANDLING AND STORAGE

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

Exposure Levels:		OSHA		ACGIH
<u>Component</u>		<u>TWA</u>	<u>PEL</u>	<u>TWA</u> <u>TLV</u>
Iron Oxides		15 mg/m ³		10 mg/m ³

Personal Protection:

- Eye:** Safety glasses with side shields or goggles
- Body:** Lab coat
- Respiratory:** Use NIOSH/MSHA approved air-purifying respirator as needed to control exposure.
- Hand:** 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:** Will not occur
- 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

- Iron Oxides
- Skin Irritation : No Data
- Eye Irritation : Mild-Irritant (rabbit); Average Draize score = 0.00
- Acute Oral Toxicity : Non-toxic, LD₅₀ > 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.

SECTION 14: TRANSPORT INFORMATION

Not Regulated

SECTION 15: REGULATORY INFORMATION

Canada (DSL) Listed

International Regulations

Labeling according to EC Directives No Labeling is needed according EU Directives Classification and Labeling of Dangerous

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

SECTION 16: OTHER INFORMATION

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

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	E

Date Prepared : August 11, 2008
 By Neringa Kontrimiene
 Date Revised : September 2, 2008
 By Neringa Kontrimiene

Note:
 The statements made here are based upon technical data that Kobo Products Inc. believes to be reliable, 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.