

# 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 : **WSJ22ERAMP**  
INCI Name : Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (C.I. 77491) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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| Ingredient:   | CAS #:     | EINECS #: |
|---|------------|-----------|
| Water   | 7732-18-5  | 231-791-2 |
| Acrylates/Ethylhexyl Acrylate Copolymer                   | 42398-14-1 |           |
| Iron Oxides (C.I. 77491)                                  | 1309-37-1  | 215-168-2 |
| Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer | 77019-71-7 |           |
| Aminomethyl Propanol                                      | 124-68-5   | 204-709-8 |
| Laureth-21  |            |           |

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## SECTION 3: HAZARD IDENTIFICATION

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No particular dangers associated with this product.

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## SECTION 4: FIRST AID MEASURES

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### Effects and Symptoms:

Medical Conditions Aggravated by Exposure : No specific effect.  
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) : N/A  
Flammable Limits LEL/UEL % : Dry chemical foam, CO2  
Special Fire Fighting Procedures : Extinguishing on intercepting air preferably  
Unusual Fire And Explosion Hazards : None expected

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions : Avoid 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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## SECTION 7: HANDLING AND STORAGE

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**WSJ22ERAMP**

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 : Must be kept at ambient conditions (5-30°C). Must not be allowed to freeze.

**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               | 10 mg/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) : > 100                          | Percent Volatile By Vol. (%) : 54 %                                  |
| Freezing Point (°C) : < 0                           | 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 : dispersible                                    |
| Bulk Density (g/cbi.) : N/A                         | Appearance & Odor : Viscous Red Fluid,<br>Slight Characteristic Odor |
| Specific Gravity (H <sub>2</sub> O=1) : Approx. 1.2 |  |

**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 : Incomplete combustion can form CO, CO<sub>2</sub>, acrylate monomers and dense smoke.

**SECTION 11: TOXICOLOGICAL INFORMATION**

|                               |  |  |
|-------------------------------|--|--|
|                               | <u>Iron Oxides</u>                                 | <u>Acrylates Copolymer</u>             |
| Skin Irritation (rabbit) :    | No data  | Not determined                         |
| Primary Eye Irritation :      | Mild-irritant (rabbit) Average Draize score = 0.00 | Non-irritating, RC <sub>50</sub> = 5.5 |
| Acute Oral Toxicity (rat) :   | Non-toxic, LD <sub>50</sub> > 15 g/kg (rat)        | Not determined                         |
| Sensitization :               | Non-toxic  | Not determined                         |
| Inhalation LC <sub>50</sub> : | LD <sub>50</sub> >5,000 g/kg                       |  |

**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.

**SECTION 12: ECOLOGICAL INFORMATION**

No Data

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WSJ22ERAMP**

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  
 ICAO/IATA Not regulated

**SECTION 15: REGULATORY INFORMATION**

**U.S. Federal Regulations** Clean Water Act (CWA) 307: No products were found.  
 Clean Water Act (CWA) 311: No products were found.  
 Clean Air Act (CAA) 112 accidental release prevention: No products were found.  
 Clean Air Act (CAA) 112 regulated flammable substances: No products were found.  
 Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

**WHMIS (Canada)** Not controlled under WHMIS (Canada)

**DSCL (EEC)** S25/36- avoid contact with eyes and wear suitable protective clothing.

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

|                     |   |
|---------------------|---|
| Health              | 0 |
| Fire Hazard         | 0 |
| Reactivity          | 0 |
| Personal Protection | C |

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

Date Prepared : June 28, 2002  
 Date Revised : January 17, 2003  
 Date Revised : February 20, 2006  
 Last Revised : September 11, 2006  
 By Eric Smith

**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.