

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 3474 South Clinton Avenue
South Plainfield, NJ 07080, USA
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **WSJ22BNF**
INCI Name : Water (And) Acrylates/Ethylhexyl Acrylate Copolymer (And) Iron Oxides (C.I. 77499) (And) Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (And) Aminomethyl Propanol

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	CAS #:	EINECS #:
Water	7732-18-5	231-791-2
Acrylates/Ethylhexyl Acrylate Copolymer	42398-14-1	Polymer
Iron Oxides (C.I. 77499)	12227-89-3	235-442-5
Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	77019-71-7	Polymer
Aminomethyl Propanol	124-68-5	204-709-8

SECTION 3: HAZARD IDENTIFICATION

No particular dangers associated with this product.

SECTION 4: FIRST AID MEASURES

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.

SECTION 5: FIRE FIGHTING MEASURES

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

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

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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

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)	: little over 100	Percent Volatile By Vol. (%)	: 48 %
Freezing Point (°C)	: little under 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
Specific Gravity (H ₂ O=1)	: 1.3 - 1.4	Appearance & Odor	: Viscous black fluid, characteristic odor

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 ₂ , acrylate monomers and dense smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

	<u>Iron Oxides</u>
Skin Irritation (rabbit)	: No data
Primary Eye Irritation	: Mild-irritant (rabbit) Average Draize score = 0.00
Acute Oral Toxicity (rat)	: Non-toxic, LD ₅₀ > 15 g/kg (rat)
Sensitization	: Non-toxic
Inhalation LC ₅₀	: LD ₅₀ >5,000 g/kg
Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: Classified None by NIOSH [Iron Oxides]. Classified A4 (not classifiable for human or animal) by ACGIH, 3 (not classifiable for human) by IARC [Iron Oxides].</p> <p>MUTAGENIC EFFECTS: Not available.</p> <p>TERATOGENIC EFFECTS: Not available.</p> <p>DEVELOPMENTAL TOXICITY: Not available.</p> <p>Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory damage.</p> <p>Target Organs: eyes, lungs, skin.</p>
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
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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.
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SECTION 14: TRANSPORT INFORMATION

DOT Classification : Not regulated
 TDG Classification : Not regulated
 IMO/IMDG Classification : Not regulated
 ICAO/IATA Classification : Not regulated

SECTION 15: REGULATORY INFORMATION

This product or its components are on the following inventories : European Inventory of Existing Commercial Chemicals
 Australia Inventory of Chemical Substances
 Japan Inventory of Existing & New Chemical Substances
 Canada DSL Inventory

SECTION 16: OTHER INFORMATION

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

Health	0
Fire Hazard	0
Reactivity	0
Personal Protection	C

Date Prepared : June 02, 2001
 Date Revised : July 19, 2002
 Date Revised : January 2, 2003
 Date Revised : February 20, 2006
 By Eric Smith
 Date Revised : May 14, 2009
 By Neringa Kontrimiene

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.