

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

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 : **WSJ24BBNF**
Chemical Name/ Synonyms : Water (and) Ethyl Methacrylate/N-Butyl Acrylate/2-Methylhexyl Acrylate Copolymer
(and) Iron (II,III) Oxide (and) Sodium Acryloldimethyl Taurate Copolymer (and) 2-Amino-2-Methyl-1-Propanol
INCI Name : Water (and) Acrylates/Octyl Acrylate Copolymer (and) Iron Oxide (C.I. 77499)
Sodium acrylate (and) 2-Amino-2-Methyl-1-Propanol

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS #</u>	<u>EINECS #</u>
Water	7732-18-5	231-791-2
Ethyl Methacrylate/N-Butyl Acrylate /2-Methylhexyl Acrylate Copolymer	42398-14-1	Polymer
Iron (II,III) Oxide	1317-61-9	235-442-5
Sodium Acryloldimethyl Taurate Copolymer	77019-71-7	Polymer
2-Amino-2-Methyl-1-Propanol	124-68-5	204-709-8

SECTION 3: HAZARD IDENTIFICATION

Not classified as hazardous according to CHIP 2 (Chemical Hazard Information for Packaging and Supply Regulations)

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 : Store containers closed in ambient location. Avoid high temperatures and high humidity.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels: <u>Component</u>	OSHA		ACGIH	
	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
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)	: 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
Bulk Density (g/cbi.)	: N/A	Appearance & Odor	: Viscous Black Fluid, Slight Characteristic Odor
Specific Gravity (H ₂ O=1)	: 1.3 - 1.4		

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, CO₂, acrylate monomers and dense smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

	<u>Iron Oxide</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 ₅₀ = 5.5
Acute Oral Toxicity (rat)	: Non-toxic, LD ₅₀ > 15 g/kg (rat)	Not determined
Sensitization	: Non-toxic	Not determined

SECTION 12: ECOLOGICAL INFORMATION

No Data

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

DOT shipping name : none
DOT hazard class : none
DOT labels : none
IATA : not regulated by IATA
IMO IMDG – code : not regulated for ocean transport
EMS no. : N/A
European Class
RID (OCTI) : none
ADR (ECE) : none
RAR (IATA) : none

SECTION 15: REGULATORY INFORMATION

HMIS Hazard Rating System : FLAMMABILITY 1, HEALTH 0, REACTIVITY
Not classified as hazardous according to CHIP 2 (Chemical Hazard Information for Packaging and Supply Regulations)

SECTION 16: OTHER INFORMATION

Date Prepared : December 18, 2001
Date Revised : July 19, 2002

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.