

# 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, USA  
Emergency Telephone # : (908) 757-0033  
Facsimile Number : (908) 757-0905  
Trade Name : **EA-209**  
Chemical Name/ Synonyms : Ethylene/Acrylic Acid Copolymer

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## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

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<u>Chemical Name</u>	<u>CAS #</u>	<u>EINECS #</u>
Ethylene Acrylic Acid Copolymer	9010-77-9	Polymer

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## SECTION 3: HAZARD IDENTIFICATION

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No particular danger

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## SECTION 4: FIRST AID MEASURES

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### Effects and Symptoms:

Effects of Overexposure : May cause mechanical irritation to eyes.  
Medical Conditions Aggravated by Exposure : Persons with respiratory conditions may be at increased risk.  
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 water.  
Inhalation : Remove to fresh air. If breathing is difficult give oxygen. See physician.  
Ingestion : For large amounts if conscious, give water and call physician, none needed for small amounts. 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 % : N/A  
Extinguishing Media : Water, Dry Chemical, Foam, and CO2  
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing.  
Unusual Fire and Explosion Hazards : Prevent the accumulation of air borne dust/dust cloud. The potential of a dust cloud explosion exists. Static charge on powders may ignite flammable atmosphere.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions : 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.

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## SECTION 7: HANDLING AND STORAGE

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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 away for all possible combustion.

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## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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Exposure Levels:	OSHA		ACGIH	
	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
Component				
None established				

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**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) : N/A Percent Volatile By Vol. (%) : N/A  
 Freezing Point (°C) : N/A Vapor Density (Air=1) : N/A  
 Melting Point (°C) : >100 - 110 Evaporation Rate (Buac=1) : N/A  
 Specific Gravity (H<sub>2</sub>O=1) : 0.91 - 0.94 Solubility In Water : Insoluble  
 Bulk Density (Kg/M<sup>3</sup>) : N/A Appearance & Odor : White powder, odorless

**SECTION 10: STABILITY AND REACTIVITY**

Stable : Yes  
 Hazardous Polymerization : Will not occur  
 Conditions to Avoid : Open flames and sparks, extreme heat, oxidizing materials  
 Incompatibility : Oxidizing materials and strong caustic materials can cause a reaction.  
 Hazardous Decomposition Products : Incomplete combustion can form CO, CO<sub>2</sub>, and dense smoke

**SECTION 11: TOXICOLOGICAL INFORMATION**

Skin Irritation : Primary dermal irritation in rabbits - primary irritation index: 0.28  
 Eye Irritation : Avg. Draize Scores 24 hrs. - 2.7; 48 hrs - 1.7; 72 hrs. - 0.7.: 4 days, 0.  
 Oral Toxicity : LD<sub>50</sub> > 15 g/kg  
 Sensitization : No data  
 Other test : None

**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 Classification: Not regulated  
 ICAO/IATA Classification: Not regulated

**SECTION 15: REGULATORY INFORMATION**

No information is available.

**SECTION 16: OTHER INFORMATION**

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

Health	0
Fire Hazard	1
Reactivity	0
Personal Protection	C

Date Prepared : May 15, 1998  
Date Revised : January 10, 2003  
Date Revised : January 15, 2004  
Last Revision : March 2, 2007  
Date Revised : January 16, 2009

**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.