

# 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 : **KOBOGUARD® 50N**  
Chemical Name/Synonyms : Water (And) Acrylates 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>
Water	7732-18-5	231-791-2
Acrylates Copolymer	25035-69-2, 25212-88-8, 25685-29-4, 159666-35-0	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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### 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. In case of excessive ingestion, drink more than two glasses of water or milk and induce vomiting, and call a physician,

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## SECTION 5: FIRE FIGHTING MEASURES

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Flash Point (Closed Cup) : > 300 F  
Flammable Limits LEL/UEL % : N/A  
Extinguishing Media : Dry Chemical, Foam, and CO2  
Special Fire Fighting Procedures : Extinguishing on intercepting air preferably.  
Unusual Fire and Explosion Hazards : None known.

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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. Soak up with absorbent materials and clean up by cloth and thin wash by soap and water.

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

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## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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<u>Exposure Levels:</u> <u>Component</u>	<u>OSHA</u>		<u>ACGIH</u>	
	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>
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 : No special protection is needed.

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**KOBOGUARD® 50N**

Ventilation : Provide adequate general mechanical exhaust.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point (°C)	: 100°C	Percent Volatile By Vol. (%)	: 49.5 %
Freezing Point (°C)	: < -10°C	Vapor Density (Air=1)	: < 1
Melting Point (°C)	: N/A	Evaporation Rate (Buac=1)	: > 1
Vapor Pressure (mm Hg)	: N/A	Solubility in Water	: Dispersible
Specific Gravity (H <sub>2</sub> O=1)	: 0.9 – 1.0	Appearance & Odor	: White milky emulsion, characteristic odor

**SECTION 10: STABILITY AND REACTIVITY**

Stable	: Yes
Hazardous Polymerization	: Will not occur
Conditions to Avoid	: Open flames and sparks, extreme heat.
Incompatibility	: None known.
Hazardous Decomposition Products	: Incomplete combustion can form CO, CO <sub>2</sub> , acrylate monomers and dense smoke

**SECTION 11: TOXICOLOGICAL INFORMATION**

Skin Irritation	: Non-irritant (Human patch test)
Primary Eye Irritation	: No data
Acute Oral Toxicity	: Not determined
Sensitization	: Negative

**SECTION 12: ECOLOGICAL INFORMATION**

No information is available.

**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**

Not regulated as a Hazardous Material.

**SECTION 15: REGULATORY INFORMATION**

No information is available.

**SECTION 16: OTHER INFORMATION**

Date Prepared	: April 16, 2002
Date Revised	: January 16, 2003
Date Revised	: December 20, 2005
Date Revised	: February 21, 2006
Date Revised	: May 28, 2010

**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.