

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 # : CHEMTREC International 1(703) 527-3887 North America 1(800)-424-9300
Facsimile Number : (908) 757-0905
Trade Name : **KOBOGUARD® 5400 IDD**
INCI Name : Hydrogenated Polycyclopentadiene (And) Isododecane
Chemical Name : 1,3-Cyclopentadiene Homopolymer (And) 2,2,4,6,6-Pentamethylheptane

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	EINECS #
Hydrogenated Polycyclopentadiene	68132-00-3	Polymer
Isododecane	13475-82-6	236-757-0

SECTION 3: HAZARD IDENTIFICATION

Warning! Flammable; vapors may spread long distances and ignite; ground containers and equipment before transferring to avoid static sparks.

SECTION 4: FIRST AID MEASURES

Effects and Symptoms:

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 : Wash skin with soap and water.
Ingestion : None needed for small amounts. For large amounts, call physician. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : 125°F (51°C)
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water spray, Dry Chemical, Foam, CO2.
Special Fire Fighting Procedures : Self-contained breathing apparatus and protective clothing.
Unusual Fire And Explosion Hazards : None Known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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. 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. Store away from strong oxidizing agents or combustible material.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels : Does not contain any components, which have recognized exposure limits. However, a threshold limit value of 5.00 mg/m³ is suggested for oil mist.

Personal Protection:

Eye Protection	:	Safety glasses with side shields or goggles
Skin Protection	:	No special equipment required. However, good personal hygiene practices should always be followed.
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)	:	N/A	Evaporation Rate (Buac=1)	:	N/A
Vapor Pressure (mm hg)	:	N/A	Solubility In Water	:	Insoluble (not miscible), lighter than water
Bulk Density (g/cbi.)	:	N/A	Appearance & Odor	:	Slightly hazy liquid, characteristic (perceptible) odor
Specific Gravity (H ₂ O=1)	:	N/A			

SECTION 10: STABILITY AND REACTIVITY

Stable	:	Yes
Hazardous Polymerization	:	Will not occur
Conditions to Avoid	:	Open flames and sparks, extreme heat, oxidizing materials
Incompatibility	:	Strong Oxidizers
Hazardous Decomposition Products	:	Thermal decomposition in fire may produce CO, CO ₂ , and other potentially toxic or irritating fumes. Effects could notice not immediately.

SECTION 11: TOXICOLOGICAL INFORMATION

Repeat Insult Patch Test	:	No evidence of delayed contact hypersensitivity to any the test samples was observed under the conditions of the test.
In vitro Eye Irritation	:	ET ₅₀ (minutes): preliminary > 180. The test article was not observed to directly reduce MTT in the absence of viable tissue.

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.
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SECTION 14: TRANSPORT INFORMATION**FOR CONTAINERS (over 5.0L or 1.3 gallons) ONLY:****IMDG/IATA/DOT**

SHIPPING NAME	:	Flammable Liquids, n.o.s. (Pentamethylheptane)
HAZARD CLASS	:	Flammable Liquid
Hazard Class	:	3
PG	:	III
DOT LABEL(S)	:	NONE
UN NUMBER	:	UN1993
ICAO/IATA (Air)		
Passenger Air-Max QTY	:	60L
Cargo Air-Max QTY	:	220L

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	2
Reactivity	0
Personal Protection	C

Date Prepared : November 10, 2003
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Date Revised : November 18, 2004
Date Revised : September 29, 2005
Date Revised : June 26, 2007
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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.