

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 : **PF-5 TOSPEARL 145**
INCI Name/ Synonyms : Polymethylsilsesquioxane (And) C9-15 Fluoroalcohol Phosphates
Material Uses : Component in personal care products

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS #</u>	<u>EINECS #</u>
Polymethylsilsesquioxane	68554-70-1	Polymer
C9-15 Fluoroalcohol Phosphates	666709-57-5	Polymer

SECTION 3: HAZARD IDENTIFICATION

No particular danger

SECTION 4: FIRST AID MEASURES

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 : 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) : Not flammable
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water, Dry Chemical, Foam, 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.

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.

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 away for all possible combustion.

PF-5 TOSPEARL 145**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure Levels:	OSHA		ACGIH	
	<u>TWA</u>	<u>PEL</u>	<u>TWA</u>	<u>TLV</u>

None established

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)	: >1000	Evaporation Rate (Buac=1)	: N/A
Vapor Pressure (mm hg)	: N/A	Solubility In Water	: Insoluble
Bulk Density (Kg/M3)	: 350	Appearance & Odor	: White powder, odorless
Specific Gravity (H2O=1)	: 1.32		

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, CO2, and dense smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Polymethylsilsesquioxane

Primary Ocular Irritation : Non-irritating. Primary irritation index: 0.0. (rabbit)
 Acute Oral Toxicity : LD₅₀ >6000 mg/kg (rats)
 Dermal Sensitization : Negative (guinea pig)
 Mutagenicity (Ames Test) : 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

Classification: Non-hazardous

SECTION 15: REGULATORY INFORMATION

SARA Section 302 : None found
 SARA (311, 312) hazard class : Acute health hazard.
 SARA (313) Chemicals : None
 CPSA Classification : N/A
 WHMIS hazard class : D2B toxic materials
 WHMIS trade secret : None
 California proposition 65 : None

SECTION 16: OTHER INFORMATION

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

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	E

Date Prepared : June 14, 2002
Date Revised : January 16, 2003
Date Revised : April 1, 2004
By Eric Smith
Date Revised : March 5, 2010
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.