

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 : **DIDW50DF**
Chemical Name/ Synonyms : Titanium Dioxide (And) Diisopropyl Dimer Dilinoleate (And) Polyglyceryl-4
Isostearate (And) Cetyl PEG/Ppg-10/1 Dimethicone (And) Hexyl Laurate (And) C9-
15 Fluoroalcohol Phosphates (And) Aluminum Oxide

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	EINECS #
Titanium Dioxide	13463-67-7	236-675-5
Diisopropyl Dimer Dilinoleate	103213-20-3	polymer
Polyglyceryl-4 Isostearate	91824-88-3	polymer
Cetyl PEG/Ppg-10/1 Dimethicone	134737-04-5	polymer
Hexyl Laurate	34316-64-8	251-932-1
C9-15 Fluoroalcohol Phosphate	---	---
Aluminum Oxide	1344-28-1	215-691-6

SECTION 3: HAZARD IDENTIFICATION

No particular danger

SECTION 4: FIRST AID MEASURES

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.
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 milk to drink, induce vomiting, and call physician.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : > 105° C
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 : Vapors are heavier than air and can travel along ground to remote ignition sources.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid skin and eye 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.

DIDW50DF

Storage :

Store containers closed in ambient location.

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>
TiO ₂	15 mg/m ³		10 mg/m ³	

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) : N/A	Evaporation Rate (Buac=1) : N/A
Vapor Pressure (mm hg) : N/A	Solubility In Water : Insoluble
Bulk Density (g/cbi.) : N/A	Appearance & Odor : Viscous White Liquid, Slight Odor
Specific Gravity (H ₂ O=1) : 1.00 - 2.00	

SECTION 10: STABILITY AND REACTIVITY

Stable : Yes
 Hazardous Polymerization : Will not occur
 Conditions To Avoid : Open flames and sparks
 Incompatibility : Oxidizing material can cause a reaction
 Hazardous Decomposition Products : SiO₂, CO, CO₂, Acetaldehyde, Formaldehyde, Traces of incompletely burned carbon compounds

SECTION 11: TOXICOLOGICAL INFORMATION

Titanium Dioxide

Skin Irritation : No data
 Primary Eye Irritation : Non-irritating, Draize score = 0.00 (rabbit)
 Acute Oral Toxicity : Non-toxic, LD₅₀ > 5 g/kg (rat)
 Sensitization : No Data

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

Not regulated as hazardous material.

SECTION 15: REGULATORY INFORMATION

No information is available.

SECTION 16: OTHER INFORMATION

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HMIS Ratings : Health - 0 Flammability -1 Reactivity - 0
Ratings Key : 4= Highest hazard, 0= Lowest hazard,

Date Prepared : September 24, 1998
Date Revised : July 19, 2002
Last Revised : April 6, 2004

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.