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 : **TN40S4**
Chemical Name/ Synonyms : C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide
INCI Name : C12-15 Alkyl Benzoate (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide

SECTION 2: COMPOSTION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	EINECS #
Titanium Dioxide	13463-67-7	236-675-5
C12-15 Alkyl Benzoate	68411-27-8	205-582-1
Aluminum Hydroxide	21645-51-2	244-492-7
Stearic acid	57-11-4	200-313-4

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 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) : >160°C
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water, Dry Chemical, Foam, CO_2
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 al possible combustion.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Levels:

	OSHA		ACGIH	
	TWA	PEL	TWA	TLV
TiO2	10 mg/m^3		5 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)	>275	Percent Volatile By Vol. (%)	N/A
Freezing Point (°C)	<0	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	White Liquid Slight Odor
Specific Gravity (H_2O)	1.2- 1.3		

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

	Titanium Dioxide	C12-15 Alkyl Benzoate
Skin Irritation	No data	Non-irritant
Primary Eye Irritation	Non-irritating, Draize score = 0.00 (rabbit)	Non-irritant (rabbit)
Acute Oral Toxicity	Non-toxic, LD_{50} > 5 g/kg (rat)	Single dose LD_{50} > 1 g/kg (mice)
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

Classification: Non-hazardous

SECTION 15: REGULATORY INFORMATION

No information is available.

SECTION 16: OTHER INFORMATION

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

Date Prepared : September 21, 1999

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.