

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor: Kobo Products, Inc.
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South Plainfield, NJ 07080, USA

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Trade Name: KTZ® GLAM FLAKE-I2

INCI: Mica (And) Titanium Dioxide (And) Isopropyl Titanium Triisostearate

Material Uses: Colorant

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENT

<u>Ingredient:</u>	<u>CAS#:</u>	<u>EINECS:</u>
Mica	12001-26-2	310-127-6
Titanium Dioxide	13463-67-7	236-675-5
Isopropyl Titanium Triisostearate	61417-49-0	262-774-8

SECTION 3: HAZARD IDENTIFICATION

Physical State and Appearance: Solid (characteristic odor, silver white powder)

Emergency Overview: May cause respiratory tract, eye and skin irritation.

Routes of Entry: Skin contact and Inhalation. Ingestion (not anticipated).

Potential Acute Health Effects:

Eyes: May cause eye irritation. Symptoms may include itching and redness after contact.

Skin: May cause mild skin irritation. Symptoms may include itching and redness after contact.

Inhalation: May cause respiratory tract irritation. Symptoms may include coughing, wheezing or shortness of breath when inhaled.

Ingestion: Not an intended route of exposure. May be hazardous in case of ingestion. Symptoms may include gastrointestinal tract upset.

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.

Skin Contact: In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reusing. Thoroughly clean shoes before reuse. If symptoms develop, seek medical attention.

Inhalation: Do not ingest. If this material is swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Ingestion: Do not ingest. If this material is swallowed, call a physician immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

Flammability: Non-flammable

Fire Fighting Media & Instructions: In case of fire, use water spray (fog), foam, dry chemical, or CO2.

Protective Clothing (fire): Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill and Leak: Use a tool to scoop up solid or absorb material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface. Dispose of

according to local and regional regulatory requirements.

Large Spill and Leak: Use appropriate tools to put the spilled material into a labeled waste disposal container. Finish cleaning by spreading water on the contaminated surface. Dispose of according to local and regional regulatory requirements.

Spill Kit information: No specific spill kit required for this product.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid generating dust. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Keep containers closed.

Storage: Keep containers dry. Keep containers sealed until ready for use.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Control: Component:	OSHA	ACGIH
	TWA PEL	TWA TLV
Mica	3mg/m ³	3mg/m ³
Titanium Dioxide	15mg/m ³	10mg/m ³

Personal Protection:

Eyes: Safety glasses with side shields or goggles

Skin: Lab coat

Respiratory: Use NIOSH/MSHA approved air-purifying respirator as needed to control exposure.

Hand: Recommended: Gloves

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 (g/cbi.):	N/A	Appearance & Odor :	Silver white powder. Characteristic odor

SECTION 10: STABILITY AND REACTIVITY

Stable: Stable

Hazardous Polymerization: Will not occur

Incompatibility: Strong oxidizing agents and strong acids

Hazardous Decomposition Products: Incomplete combustion can produce carbon monoxide and carbon dioxide.

Conditions to Avoid: None known

SECTION 11: TOXICOLOGICAL INFORMATION

Skin Irritation:	Mica No data	Titanium Dioxide No data
Eye Irritation:	No data	Non-irritating; Draize scores: 0.0 (rabbit)
Oral Toxicity:	LD50 >15g/kg (rat)	Non-toxic, LD50 >25g/kg (rat)
Inhalation Toxicity:	No data	LC50 >6.82mg/L (4 hours)
Dermal Toxicity:	No data	LD50 > 10g/kg (rabbit)
Sensitization:	Non-sensitizer	No data
Mutagenicity:	No data	No data

Chronical Effects on Human:

Carcinogenic Effects: Classified None by NIOSH [Titanium Dioxide]. Classified A4 (not classifiable for human or

animal) by ACGIH. Classifiable Group 2B (possibly carcinogenic to humans) by IARC [Titanium Dioxide].

Mutagenic Effects: Not available
 Teratogenic Effects: Not available
 Developmental Toxicity: Not available
 Acute Effects on Humans: May cause skin, eye, and respiratory irritation.
 Sensitization: Repeated or prolonged exposure to the substance at concentrations above the exposure limits may cause respiratory tract and lung sensitization.
 Carcinogenic: This material contains substance classified as possibly carcinogenic to humans by IARC.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity of the Products of Biodegradation: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Treatment: Dispose of according to all federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated
 TDG Classification: Not regulated
 IMO/IMDG Classification: Not regulated
 ICAO/IATA Classification: Not regulated

SECTION 15: REGULATORY INFORMATION

This product or its components are on the following inventories: European Inventory of Existing Commercial Chemicals
 Australia Inventory of Chemical Substances
 Japan Inventory of Existing & New Chemical Substances
 Canada DSL Inventory

California Proposition 65: **WARNING!** This product contains a chemical known to the State of California to cause cancer. The listing of titanium dioxide (airborne, unbound particles of respirable size) as a carcinogen is effective September 2, 2011. The listing does not cover titanium dioxide when it remains bound within a product matrix.

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (USA): [Ratings Key: 4= Highest hazard, 0= Lowest hazard]

Health	0
Fire Hazard	0
Reactivity	0
Personal Protection	C

Date: 7/16/2013

Version: 1

Note: The statements made here are based upon technical data that Kobo Products Inc. believes to be reliable, 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.