

# **Safety Data Sheet**

Version 3

Revision date 14-Feb-2017

#### 1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name DMTMF50ZSI

Recommended use of the chemical and restrictions on use
Recommended use Cosmetic additive.
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer address
Kobo Products, Inc.
3474 South Clinton Avenue
South Plainfield, NJ 07080 USA
Telephone: 1-908-757-0033
Emergency telephone number

Emergency telephone Chemtrec 1-800-424-9300

# 2. Hazards Identification

#### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

#### Label elements

#### **EMERGENCY OVERVIEW**

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Paste Physical state Liquid Odor Characteristic

# Hazards not otherwise classified (HNOC)

None known

#### Other Information

- Very toxic to aquatic life with long lasting effects
- · Very toxic to aquatic life

# 3. Composition/information on Ingredients

Chemical Name	CAS No	Weight-%
Zinc Oxide	1314-13-2	46.0-50.0
Dimethicone	9006-65-9	38.0-42.0
PEG-9 Polydimethylsiloxyethyl Dimethicone	1428746-44-4	8.0-12.0
Triethoxycaprylylsilane	2943-75-1	1.0-2.0

#### 4. First aid measures

First aid measures

**General advice** If symptoms persist, call a physician.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes.

**Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration.

Ingestion If swallowed, do not induce vomiting: seek medical advice immediately and show this

container or label.

**Self-protection of the first aider** Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

**Symptoms** No known effects under normal use conditions.

Indication of any immediate medical attention and special treatment needed

Note to physicians Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

# 5. Fire-fighting measures

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

#### Specific hazards arising from the chemical

None in particular.

Explosion data

Sensitivity to mechanical impact None. Sensitivity to static discharge None.

# Protective equipment and precautions for firefighters

Use personal protective equipment as required.

#### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Avoid contact with eyes. Wash thoroughly

after handling.

For emergency responders

Use personal protective equipment as required.

Environmental precautions Collect spillage. Do not allow into any sewer, on the ground or into any body of water.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**Soak up with inert absorbent material. Clean contaminated surface thoroughly.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

# 7. Handling and Storage

#### Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Use only in well-ventilated areas. Wash

thoroughly after handling.

#### Conditions for safe storage, including any incompatibilities

Storage conditions Keep container tightly closed in a dry and well-ventilated place. Store at ambient conditions.

**Incompatible materials** Strong oxidizing agents. Strong acids.

# 8. Exposure Controls/Personal Protection

#### Control parameters

#### **Exposure guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Zinc Oxide	STEL: 10 mg/m <sup>3</sup> respirable	TWA: 5 mg/m³ fume	IDLH: 500 mg/m <sup>3</sup>
1314-13-2	fraction	TWA: 15 mg/m³ total dust	Ceiling: 15 mg/m³ dust
	TWA: 2 mg/m³ respirable fraction	TWA: 5 mg/m³ respirable fraction	TWA: 5 mg/m <sup>3</sup> dust and fume
		(vacated) TWA: 5 mg/m <sup>3</sup> fume	STEL: 10 mg/m <sup>3</sup> fume
		(vacated) TWA: 10 mg/m <sup>3</sup> total	
		dust	
		(vacated) TWA: 5 mg/m <sup>3</sup>	
		respirable fraction	
		(vacated) STEL: 10 mg/m <sup>3</sup> fume	

#### **Appropriate engineering controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Wash contaminated

clothing before reuse.

# 9. Physical and Chemical Properties

# Information on basic physical and chemical properties

Physical state Liquid Appearance Paste

Appearance Paste Odor Characteristic

ColorWhiteOdor thresholdNo information available

<u>Property</u> <u>Values</u> <u>Remarks •</u>

pHNo information availableMelting point / freezing pointNo information availableBoiling point / boiling rangeNo information available

Flash point

Evaporation rate

Flammability (solid, gas)

Flammability limit in air

No information available
No information available

Upper flammability limit Lower flammability limit Vapor pressure

Vapor pressure
Vapor density
Specific gravity
Water solubility
Solubility in other solvents

Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Explosive properties

No information available No information available

**Other Information** 

**Oxidizing properties** 

Softening point
Molecular weight
VOC content (%)
Density
No information available

# 10. Stability and Reactivity

#### Reactivity

No data available

#### **Chemical stability**

Stable under normal conditions.

#### Possibility of hazardous reactions

None under normal processing.

**Hazardous polymerization** Hazardous polymerization does not occur.

#### **Conditions to avoid**

None known.

#### **Incompatible materials**

Strong oxidizing agents. Strong acids.

#### **Hazardous decomposition products**

None under normal use conditions.

#### 11. Toxicological Information

# Information on likely routes of exposure

#### **Product information**

InhalationNo data available.Eye contactNo data available.Skin contactNo data available.IngestionNo data available.

#### \_\_\_\_\_

# **Component information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Zinc Oxide 1314-13-2	> 5000 mg/kg (Rat)	>2000 mg/kg (Rat)	-
Triethoxycaprylylsilane 2943-75-1	= 10060 μL/kg (Rat)	= 5910 μL/kg(Rabbit)	-

#### Information on toxicological effects

**Symptoms** No information available.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
Serious eye damage/eye irritation
Irritation
Corrosivity
Sensitization
Germ cell mutagenicity
No information available.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Reproductive toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration hazard
No information available.
No information available.
No information available.

# 12. Ecological Information

#### **Ecotoxicity**

Very toxic to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Zinc Oxide	IC50 (72h) <1mg/l	LC50 (96h) <1mg/l	
1314-13-2			

#### Persistence and degradability

No information available.

#### **Bioaccumulation**

No information available.

Other adverse effects No information available

# 13. Disposal Considerations

#### Waste treatment methods

**Disposal of wastes**Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Zinc Oxide	Toxic
1314-13-2	

#### 14. Transport Information

For single packaging and combination packaging containing inner packaging with Note:

dangerous goods > 5L for liquids or > 5kg for solids:

DOT Proper shipping name

3082 - Environmentally hazardous substances, liquid, n.o.s (Zinc Oxide)

**Hazard class** Ш Packing group

ICAO (air)

UN/ID no 3082

3082 - Environmentally hazardous substances, liquid, n.o.s (Zinc Oxide) Proper shipping name

**Hazard class** Ш Packing group

**IATA** 

UN/ID no 3082

Proper shipping name 3082 - Environmentally hazardous substances, liquid, n.o.s (Zinc Oxide)

**Hazard class** 9 **Packing group** Ш

**IMDG** 

UN/ID no 3082

3082 - Environmentally hazardous substances, liquid, n.o.s (Zinc Oxide) Proper shipping name

Hazard class Packing group Ш

Marine pollutant This product contains a chemical which is listed as a marine pollutant according to

IMDG/IMO

**RID** 

3082 UN/ID no

Proper shipping name 3082 - Environmentally hazardous substances, liquid, n.o.s (Zinc Oxide)

**Hazard class** Ш Packing group

UN/ID no

Proper shipping name 3082 - Environmentally hazardous substances, liquid, n.o.s (Zinc Oxide)

**Hazard class** 9 Packing group Ш

# 15. Regulatory information

**International Inventories** 

**TSCA** Complies **DSL/NDSL** Not Determined **EINECS/ELINCS** Complies **ENCS** Complies **IECSC** Not Determined **KECL** Complies **PICCS** Complies Not Determined **AICS** 

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances **AICS** - Australian Inventory of Chemical Substances

# US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard
No
Chronic Health Hazard
No
Fire Hazard
No
Sudden release of pressure hazard
No
Reactive Hazard
No

# **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc Oxide 1314-13-2		Х		

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

#### U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Zinc Oxide	X	X	X
1314-13-2			

# NFPA Health Hazards 0 flammability 1 Instability 0 Physical and chemical properties -

HMIS Health Hazards 0 flammability 1 Physical hazards 0 PERSONAL PROTECTION C

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**Revision note** SDS sections updated, 1, 3, 15

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**