

Revision Date 01/17/2018  
Revision 3

## SAFETY DATA SHEET

### TOKUYAMA REBASE II Powder

#### 1. IDENTIFICATION

<b>Product Name</b>	TOKUYAMA REBASE II Powder
<b>Identified uses</b>	Denture Liner, a component of kit. For dental professionals only.
<b>Supplier</b>	Tokuyama Dental America Inc. Tel: (877) 378 3548 (Toll-Free)
<b>Contact Person</b>	<a href="http://www.tokuyama-dental.com/tdc/contact.html">http://www.tokuyama-dental.com/tdc/contact.html</a>
<b>Manufacturer</b>	Tokuyama Dental Corporation 38-9, Taitou 1-chome, Taitou-ku, Tokyo 110-0016, Japan TEL: +81-3-3835-2261
<b>Emergency Telephone</b>	California Poison Control System - San Francisco Division San Francisco General Hospital Bldg 5 Rm 2A21 , 1001 Potrero Ave , San Francisco Emergency telephone number : 1 800 222 1222 E- mail address : <a href="mailto:coadmin@calpoison.org">coadmin@calpoison.org</a> <a href="http://www.calpoison.org">http://www.calpoison.org</a>  National Capital Poison Center 3201 New Mexico Ave, Ste 310, Washington DC Emergency telephone number: 1 800 222 1222 Telephone number: +1 202 362 3867 Facsimile numer: +1 202 362 8377 E-mail address: <a href="mailto:pc@poison.org">pc@poison.org</a> <a href="http://www.poison.org">http://www.poison.org</a>

#### 2. HAZARD(S) IDENTIFICATION

<b>Appearance</b>	Powder
<b>Color</b>	Pink
<b>Odor</b>	No information available.
<b>GHS Pictogram</b>	



<b>Signal Word</b>	Warning	
<b>Hazard Statements</b>	H317	May cause an allergic skin reaction.
<b>Precautionary Statements</b>	P261 P280 P302+352	Avoid breathing vapour/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water.

## TOKUYAMA REBASE II Powder

P501 Dispose of contents/container in accordance with local regulations.  
 BENZOYL PEROXIDE

### Contains

### GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Skin Sens. 1 - H317
Environment	Not classified.

### Hazard Not Otherwise Classified (HNOC)

Not applicable.

### OSHA Regulatory Status

This Product is Hazardous under the OSHA Hazard Communication Standard.

### General Information

Prolonged contact may cause redness and irritation. May cause sensitisation by skin contact. May cause minor irritation on eye contact.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>BENZOYL PEROXIDE</b>	<b>1-5%</b>
<b>CAS No.: 94-36-0</b>	<b>EC No.: 202-327-6</b>
GHS Classification Org. Perox. B - H241; Eye Irrit. 2 - H319; Skin Sens. 1 - H317	
<b>TITANIUM DIOXIDE</b>	<b>&lt; 1%</b>
<b>CAS No.: 13463-67-7</b>	<b>EC No.: 236-675-5</b>
GHS Classification Acute Tox. 4 - H332 ; Carc. 2 - H351	

### 4. FIRST-AID MEASURES

#### Description of first aid measures

##### General Information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### Inhalation

Move the exposed person to fresh air at once.

##### Ingestion

Try to induce vomiting. Get medical attention if any discomfort continues.

##### Skin Contact

Wash the skin immediately with soap and water.

##### Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

#### Most important symptoms and effects, both acute and delayed

##### Inhalation

Not irritating.

##### Skin Contact

Prolonged contact may cause redness and irritation. May cause sensitization by skin contact.

##### Eye Contact

Slightly irritating.

#### Indication of any immediate medical attention and special treatment needed

##### Notes To The Physician

CAUTION! First aid personnel must be aware of own risk during rescue! Wear suitable protective clothing.

## TOKUYAMA REBASE II Powder

### 5. FIRE-FIGHTING MEASURES

**Auto Ignition Temperature (°C)**

Not available.

**Flammability Limit - Lower(%)**

Not available.

**Flammability Limit - Upper(%)**

Not available.

**Flash point (°C)**

Not available.

**Extinguishing Media**

Fire can be extinguished using: Foam. Carbon dioxide or dry powder.

**Specific Hazards**

When heated and in case of fire, irritating vapors/gases may be formed.

**Special Fire Fighting Procedures**

Avoid breathing fire vapors.

**Protective Equipment For Fire-Fighters**

Wear full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Wear protective clothing as described in Section 8 of this material safety data sheet.

**Environmental Precautions**

Do not allow to enter drains, sewers or watercourses.

**Spill Clean Up Methods**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

**Reference to other sections**

For personal protection, see section 8.

### 7. HANDLING AND STORAGE

**Handling**

All handling to take place in well-ventilated area.

**Storage**

Store in a cool, dark place (0-25°C, 32-77°F). Keep away from heat, direct sunlight, sparks and open flames.

**Storage Class**

Chemical storage.

**Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
BENZOYL PEROXIDE	PEL		5 mg/m <sup>3</sup>			
BENZOYL PEROXIDE	ACGIH		5 mg/m <sup>3</sup>			A4
TITANIUM DIOXIDE	ACGIH		10 mg/m <sup>3</sup>			A4
TITANIUM DIOXIDE	PEL		15 mg/m <sup>3</sup>			
COMPONENT	IDLH					
BENZOYL PEROXIDE	1500 mg/m <sup>3</sup>					
TITANIUM DIOXIDE	5000 mg/m <sup>3</sup>					

ACGIH=American Conference of Governmental Industrial Hygienists.

A4: Not Classifiable as a Human Carcinogen.

**Protective Equipment**

## TOKUYAMA REBASE II Powder



### Engineering Measures

Provide adequate general and local exhaust ventilation.

### Respiratory Equipment

In case of inadequate ventilation use suitable respirator.

### Hand Protection

Wear protective gloves.

### Eye Protection

Wear approved safety goggles.

### Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Powder
<b>Color</b>	Pink
<b>Odor</b>	No information available.
<b>Solubility</b>	No information available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Melting point (°C)</b>	Not available.
<b>Relative density</b>	Not available.
<b>Vapor density (air=1)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>pH-Value, Conc. Solution</b>	Not available.
<b>pH-Value, Diluted Solution</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Decomposition temperature (°C)</b>	Not available.
<b>Odour Threshold, Lower</b>	Not available.
<b>Odour Threshold, Upper</b>	Not available.
<b>Flash point</b>	Not available.
<b>Auto Ignition Temperature (°C)</b>	Not available.
<b>Flammability Limit - Lower(%)</b>	Not available.
<b>Flammability Limit - Upper(%)</b>	Not available.

## TOKUYAMA REBASE II Powder

**Partition Coefficient  
(N-Octanol/Water)**

Not available.

**Explosive properties**

Explosive Properties: St2, strong

**Other Flammability**

Not available.

**Oxidising properties**

Not available.

### 10. STABILITY AND REACTIVITY

**Reactivity**

No information available.

**Stability**

Dust may form an explosive mixture in the atmosphere.

Hazardous reactions:

Risk of dust explosion.

**Conditions To Avoid**

Keep away from heat, sparks and open flame. Protect against direct sunlight.

**Materials To Avoid**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Toxic gases are generated when heated.

### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:**

Not available.

**Skin Corrosion/Irritation:**

Prolonged contact may cause redness and irritation.

**Serious eye damage/irritation:**

Slightly Irritating.

**Respiratory or skin sensitisation:****Respiratory sensitisation**

Not available.

**Skin sensitisation**

May cause sensitization by skin contact.

**Germ cell mutagenicity:**

Not available.

**Carcinogenicity:****IARC Carcinogenicity**

BENZOYL PEROXIDE : IARC Group 3 Not classifiable as to its carcinogenicity to humans. TITANIUM DIOXIDE: IARC Group 2B Possibly carcinogenic to humans.

**NTP - Carcinogenicity**

Not listed.

**OSHA - Carcinogenicity**

Not listed.

**Reproductive Toxicity:**

Not available.

**Specific target organ toxicity - single exposure:**

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### STOT - Single exposure

Not available.

### Specific target organ toxicity - repeated exposure:

#### STOT - Repeated exposure

Not available.

### Aspiration hazard:

#### Viscosity

Not available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data on possible environmental effects have been found.

### Toxicity

No data available.

### Degradability

No data available.

### Bioaccumulative potential

No data available on bioaccumulation.

### Partition coefficient

Not available.

### Mobility:

No information available.

### Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

### Other adverse effects

Not known.

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

**General** Not regulated.

**UN No. (DOT/TDG)** N/A

**UN No. (IMDG)** N/A

**UN No. (ICAO)** N/A

**DOT Proper Shipping Name** Not applicable.

### DOT Hazard Class

No classification noted.

### DOT Hazard Label

No DOT label requirement noted

**IMDG Class** Not applicable.

**ICAO Class** Not applicable.

### Transport Labels

No transport warning sign required.

**DOT Pack Group** Not applicable.

**IMDG Pack Group** Not applicable.

**Air Pack Group** Not applicable.

### Environmentally Hazardous Substance/Marine Pollutant

No.

## TOKUYAMA REBASE II Powder

**Special precautions for user** Not applicable.

**Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes**

Not applicable.

### 15. REGULATORY INFORMATION

#### **Regulatory Status (US)**

This Product is Hazardous under the OSHA Hazard Communication Standard. California Proposition 65. Warning : Titanium dioxide. This product contains a chemical known to the State of California to cause cancer.

#### **Regulatory References**

29 CFR 1910. 1200(g) Federal Regulations (OSHA Standard).

#### **US Federal Regulations**

##### **SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

None of the ingredients are listed.

##### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

None of the ingredients are listed.

##### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed.

##### **SARA 313 Emission Reporting**

The following ingredients are listed.

BENZOYL PEROXIDE

##### **CAA Accidental Release Prevention**

None of the ingredients are listed.

##### **SARA (311/312) Hazard Categories**

Acute

##### **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed.

#### **US State Regulations**

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

The following ingredients are listed.

TITANIUM DIOXIDE; Known to the State of California to cause cancer.

##### **California Air Toxics "Hot Spots" (A-I)**

The following ingredients are listed.

BENZOYL PEROXIDE

##### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are listed.

##### **Massachusetts "Right To Know" List**

All ingredients are listed.

##### **Rhode Island "Right To Know" List**

All ingredients are listed.

##### **Minnesota "Right To Know" List**

All ingredients are listed.

##### **New Jersey "Right To Know" List**

All ingredients are listed.

##### **Pennsylvania "Right To Know" List**

All ingredients are listed.

#### **International Inventories**

##### **EU - EINECS/ELINCS**

All ingredients are listed or exempt.

##### **Canada – DSL/NDSL**

All ingredients are listed or exempt.

##### **US - TSCA**

All ingredients are listed or exempt.

##### **US – TSCA 12(b) Export Notification**

None of the ingredients are listed.

## TOKUYAMA REBASE II Powder

### 16. OTHER INFORMATION

**Revision Comments****Revision Date**

01/17/2018

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#### Disclaimer

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