

# SAFETY DATA SHEET

## TOKUYAMA REBASE III Powder

### 1. Identification

#### Product identifier

**Product name** TOKUYAMA REBASE III Powder

#### Recommended use of the chemical and restrictions on use

**Application** Medical device : Denture Liner, a component of kit. For dental professionals only.

#### Details of the supplier of the safety data sheet

**Supplier** Tokuyama Dental America, Inc.  
740 Garden View CT., Suite 200 Encinitas,  
CA 92024 U.S.A.  
Tel: (877) 378 3548 (Toll-Free)  
Tel: (760)942-7211  
Fax: (760)942-7212

**Contact Person** <http://www.tokuyama-dental.com/tdc/contact.html>

**Manufacturer** Tokuyama Dental Corporation  
38-9, Taitou 1-chome, Taitou-ku, Tokyo  
110-0016, Japan  
TEL: +81-3-3835-2261  
FAX: +81-3-3835-2265

#### Emergency telephone number

**Emergency telephone** 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: [coadmin@calpoison.org](mailto:coadmin@calpoison.org)  
[www.calpoison.org](http://www.calpoison.org)

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 number: +1 202 362 8377  
E-mail address: [pc@poison.org](mailto:pc@poison.org)  
[www.poison.org](http://www.poison.org)

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Skin Sens. 1 - H317

**Environmental hazards** Not Classified

#### Label elements

## TOKUYAMA REBASE III Powder

### Hazard symbols



**Signal word** Warning

**Hazard statements** H317 May cause an allergic skin reaction.

**Precautionary statements**

P261 Avoid breathing dust.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 If on skin: Wash with plenty of water.

P321 Specific treatment (see medical advice on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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

### 3. Composition/information on ingredients

#### Mixtures

<b>BENZOYL PEROXIDE</b>	<b>1-5%</b>
CAS number: 94-36-0	

<b>TITANIUM DIOXIDE</b>	<b>&lt;1%</b>
CAS number: 13463-67-7	

### 4. First-aid measures

#### Description of first aid measures

**General information** Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Inhalation** Move affected person to fresh air at once.

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

**Skin Contact** Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

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

**Inhalation** Not irritating.

**Skin contact** Allergic rash. May cause sensitisation by skin contact. Prolonged skin contact may cause redness and irritation.

**Eye contact** Slightly irritating.

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

**Notes for the doctor** No specific recommendations. Treat symptomatically.

### 5. Fire-fighting measures

## TOKUYAMA REBASE III Powder

### Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Foam. Carbon dioxide or dry powder.

### Special hazards arising from the substance or mixture

**Specific hazards** When heated and in case of fire, irritating vapors/gases may be formed. Dust may form explosive mixture with air.

**Hazardous combustion products** No known hazardous decomposition products.

### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapors. Dust may form explosive mixture with air. Avoid generation and spreading of dust.

**Special protective equipment for firefighters** Wear chemical protective suit.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

### Methods and material for containment and cleaning up

**Methods for cleaning up** No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Collect and place in suitable waste disposal containers and seal securely. Avoid generation and spreading of dust.

**Precautionary measures to prevent the occurrence of secondary hazards** Dust may form explosive mixture with air. Avoid generation and spreading of dust.

**Reference to other sections** For waste disposal, see Section 13.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** All handling should only take place in well-ventilated areas. Dust may form explosive mixture with air. Avoid generation and spreading of dust. Prevent accumulation of dust. Avoid inhalation of dust and contact with skin and eyes.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Take off contaminated clothing and wash it before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures between 0°C/32°F and 25°C/77°F.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## 8. Exposure controls/Personal protection

### Control parameters

## TOKUYAMA REBASE III Powder

### Occupational exposure limits

Inert or Nuisance Dust

Particulates Not Otherwise Regulated (PNOR)

Long-term exposure limit (8-hour TWA): OSHA 15 mppcf 5 mg/m<sup>3</sup> respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 50 mppcf 15 mg/m<sup>3</sup> total dust

mppcf : Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques.

OSHA = Occupational Safety & Health Administration

### **BENZOYL PEROXIDE**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>

A4

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m<sup>3</sup>

### **TITANIUM DIOXIDE**

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m<sup>3</sup>

A4

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m<sup>3</sup> total dust

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

OSHA = Occupational Safety and Health Administration.

### Exposure controls

#### **Appropriate engineering controls**

Provide adequate ventilation.

#### **Eye/face protection**

The following protection should be worn: Dust-resistant, chemical splash goggles.

#### **Hand protection**

Wear protective gloves.

#### **Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

#### **Hygiene measures**

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Take off contaminated clothing and wash it before reuse.

#### **Respiratory protection**

Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Powder
<b>Color</b>	Pink
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.

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<b>Evaporation factor</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Other flammability</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Not available.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	St2, strong
<b>Oxidizing properties</b>	The product contains a substance classified as oxidizing. Organic peroxides/hydroperoxides.
<b>Other information</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	Dust may form explosive mixture with air. See the other subsections of this section for further details.
<b>Stability</b>	Dust may form explosive mixture with air.
<b>Possibility of hazardous reactions</b>	Dust may form explosive mixture with air.
<b>Conditions to avoid</b>	Keep away from heat, sparks and open flame. Avoid exposure to high temperatures or direct sunlight. Avoid generation and spreading of dust.
<b>Materials to avoid</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Heating may generate the following products: Toxic gases or vapors.

### 11. Toxicological information

#### Information on toxicological effects

<b>Toxicological effects</b>	No data on possible toxic effects have been found.
<b>Routes of exposure</b>	Skin , Eyes , Ingestion , Inhalation , Health effects: See section 4.
<b><u>Acute toxicity - oral</u></b>	
<b>Notes (oral LD<sub>50</sub>)</b>	Not available.
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Not available.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Not available.

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### Skin corrosion/irritation

Skin corrosion/irritation Not available.

Animal data Not available.

### Serious eye damage/irritation

Serious eye damage/irritation Not available.

### Respiratory sensitization

Respiratory sensitization Not available.

### Skin sensitization

Skin sensitization Not available.

### Germ cell mutagenicity

Genotoxicity - in vitro Not available.

Genotoxicity - in vivo Not available.

### Carcinogenicity

Carcinogenicity Not available.

IARC carcinogenicity Some of the ingredients are listed or exempt.

NTP carcinogenicity Some of the ingredients are listed or exempt.

OSHA Carcinogenicity Not listed.

### Reproductive toxicity

Reproductive toxicity - fertility Not available.

Reproductive toxicity - development Not available.

### Specific target organ toxicity - single exposure

STOT - single exposure Not available.

### Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not available.

### Aspiration hazard

Aspiration hazard Not available.

### Toxicological information on ingredients.

#### BENZOYL PEROXIDE

##### Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

NTP carcinogenicity Reasonably anticipated to be a human carcinogen.

OSHA Carcinogenicity Not listed.

#### TITANIUM DIOXIDE

##### Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

NTP carcinogenicity Reasonably anticipated to be a human carcinogen.

OSHA Carcinogenicity Not listed.

## TOKUYAMA REBASE III Powder

### 12. Ecological information

**Toxicity** Not available.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Bioaccumulative potential**

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

**Mobility in soil**

**Mobility** No information available.

**Other adverse effects**

**Other adverse effects** Not known.

### 13. Disposal considerations

**Waste treatment methods**

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

**UN Number**

**UN No. (International)** Not applicable.

**UN No. (DOT)** Not applicable.

**UN proper shipping name**

**Proper shipping name (International)** Not applicable.

**Proper shipping name (DOT)** Not applicable.

**Transport hazard class(es)**

**Transport Labels (International)** No transport warning sign required.

**DOT transport labels**

No transport warning sign required.

**Packing group**

**Packing group (International)** Not applicable.

**DOT packing group** Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

No.

**Special precautions for user**

## TOKUYAMA REBASE III Powder

Not applicable.

**DOT reportable quantity** Not applicable.

**DOT TIH Zone** Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.

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

#### US Federal Regulations

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

*SILICA VITREOUS*

0 %

*BENZOYL PEROXIDE*

1.0 %

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

Acute

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

*BENZOYL PEROXIDE*

Threshold Quantity: 7500 lbs

#### US State Regulations

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

*TITANIUM DIOXIDE*

Carcinogen.

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

*BENZOYL PEROXIDE*

Present.

##### **California Directors List of Hazardous Substances**

*BENZOYL PEROXIDE*

Present.

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

*SILICA VITREOUS*

Present.

*TITANIUM DIOXIDE*

Present.

*BENZOYL PEROXIDE*

Present.

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



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### *SILICA VITREOUS*

Present.

### *TITANIUM DIOXIDE*

Present.

### *BENZOYL PEROXIDE*

Present.

#### Minnesota "Right To Know" List

### *SILICA VITREOUS*

Present.

### *TITANIUM DIOXIDE*

Present.

### *BENZOYL PEROXIDE*

Present.

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

### *SILICA VITREOUS*

Present.

### *TITANIUM DIOXIDE*

Present.

### *BENZOYL PEROXIDE*

Present.

#### Pennsylvania "Right To Know" List

### *TITANIUM DIOXIDE*

Present.

### *BENZOYL PEROXIDE*

Present.

## 16. Other information

<b>Training advice</b>	Ensure operatives are trained to minimize exposure. Only trained personnel should use this material.
<b>Revision comments</b>	This is the first issue.
<b>Revision date</b>	6/1/2020
<b>Revision</b>	1
<b>Hazard statements in full</b>	H317 May cause an allergic skin reaction.

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