

# SAFETY DATA SHEET

## TOKUYAMA REBASE II Powder

### 1. Identification

#### Product identifier

**Product name** TOKUYAMA REBASE II Powder

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

**Restriction on use** 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: +1-760-942-7211  
Fax: +1-760-942-7212

**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** Tokuyama Dental America, Inc. Tel: +1-760-942-7211  
Days and hours of operation : 9:00-17:00(PST/PDT), Weekdays, except national holidays in US.  
Language: English only.

### 2. Hazard identification

#### Classification of the substance or mixture

**WHMIS Regulatory Status** This product has been classified according to the hazard criteria of the Hazardous Product Regulations and the SDS contains all required information.

**Physical hazards** Combustible Dusts - Category 1

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

**Environmental hazards** Not Classified

#### Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H317 May cause an allergic skin reaction.  
May form combustible dust concentrations in air.

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<b>Precautionary statements</b>	<p>P261 Avoid breathing dust.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p>
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### 3. Composition/information on ingredients

#### Mixtures

<b>PEROXIDE, DIBENZOYL</b>	<b>1-5%</b>
CAS number: 94-36-0	
<b>TITANIUM DIOXIDE</b>	<b>&lt; 0.1%</b>
CAS number: 13463-67-7	

### 4. First-aid measures

#### Description of first aid measures

<b>General information</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once.
<b>Ingestion</b>	Try to induce vomiting. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	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.

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

<b>Inhalation</b>	Not irritating.
<b>Skin contact</b>	Allergic rash.
<b>Eye contact</b>	Slightly irritating.

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

<b>Notes for the doctor</b>	No specific recommendations.
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### 5. Fire-fighting measures

#### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Foam. Carbon dioxide or dry powder.
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#### Specific hazards arising from the hazardous product

<b>Specific hazards</b>	When heated and in case of fire, irritating vapours/gases may be formed.
<b>Hazardous combustion products</b>	No known hazardous decomposition products.

#### Advice for firefighters

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours.
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**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**            No specific recommendations.

#### 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.

#### Reference to other sections

**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. 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. Wash at the end of each work shift and before eating, smoking and using the toilet.

#### 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 use(s)

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

### 8. Exposure Controls/personal protection

#### Control parameters

#### Occupational exposure limits

##### **PEROXIDE, DIBENZOYL**

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m<sup>3</sup>  
A4

##### **TITANIUM DIOXIDE**

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m<sup>3</sup>  
A4

ACGIH = American Conference of Governmental Industrial Hygienists.  
A4 = Not Classifiable as a Human Carcinogen.

#### Exposure controls

**Appropriate engineering controls**                Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection**                        The following protection should be worn: Dust-resistant, chemical splash goggles.

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<b>Hand protection</b>	Wear protective gloves.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	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.
<b>Respiratory protection</b>	Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7), and any relevant provincial regulation relating to health and safety at work. Full face mask respirators with replaceable filter cartridges should comply with the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7), and any relevant provincial regulation relating to health and safety at work. Half mask and quarter mask respirators with replaceable filter cartridges should comply with the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7), and any relevant provincial regulation relating to health and safety at work.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Dusty powder
<b>Colour</b>	Pink
<b>Odour</b>	Not available.
<b>Odour 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.
<b>Evaporation factor</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour 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

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**Oxidising properties**                      The product contains a substance classified as oxidizing. Organic peroxides/hydroperoxides.

**Other information**                        Not available.

### 10. Stability and reactivity

**Reactivity**                                 Dust may form explosive mixture with air. See the other subsections of this section for further details.

**Stability**                                    Dust may form explosive mixture with air.

**Possibility of hazardous reactions**     Dust may form explosive mixture with air.

**Conditions to avoid**                      Keep away from heat, sparks and open flame. Avoid exposure to high temperatures or direct sunlight. Avoid generation and spreading of dust.

**Materials to avoid**                        Strong oxidizing agents.

**Hazardous decomposition products**     Heating may generate the following products: Toxic gases or vapours.

### 11. Toxicological information

#### Information on toxicological effects

**Routes of exposure**                        Skin , Eyes , Ingestion , Inhalation , Health effects: See section 4.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)**                            Not available.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)**                        Not available.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)**                    Not available.

#### Skin corrosion/irritation

**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.

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**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**

**PEROXIDE, DIBENZOYL**

**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**

**Acute toxicity - inhalation**

**ATE inhalation (dusts/mists mg/l)** 1.5

**Carcinogenicity**

**IARC carcinogenicity** IARC Group 2B Possibly carcinogenic to humans.

**NTP carcinogenicity** Reasonably anticipated to be a human carcinogen.

**OSHA Carcinogenicity** Not listed.

**12. Ecological Information**

**Toxicity** Not available.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Bioaccumulative potential**

**Bioaccumulative 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.

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### 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, TDG).

#### 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 label**

#### Packing group

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

**DOT packing group** Not applicable.

#### Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### Special precautions for user

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 References** According to WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR) Hazardous Products Regulations - SOR/2015-17. Transportation of Dangerous Goods Regulations - SOR/2015-100.

### 16. Other information

## TOKUYAMA REBASE II Powder

<b>Training advice</b>	Ensure operatives are trained to minimize exposure. Only trained personnel should use this material.
<b>Revision comments</b>	This is first issue.
<b>Revision date</b>	20/03/2018
<b>Revision</b>	1
<b>Hazard statements in full</b>	H317 May cause an allergic skin reaction. May form combustible dust concentrations in air.

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