

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
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
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

BENZOYL PEROXIDE

1-5%

CAS number: 94-36-0

TITANIUM DIOXIDE

<1%

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/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 50 mppcf 15 mg/m³ 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/m³

A4

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³

A4

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ 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

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

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Evaporation factor	Not available.
Upper/lower flammability or explosive limits	Not available.
Other flammability	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	St2, strong
Oxidizing 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 vapors.

11. Toxicological information

Information on toxicological effects

Toxicological effects	No data on possible toxic effects have been found.
Routes of exposure	Skin , Eyes , Ingestion , Inhalation , Health effects: See section 4.
<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	Not available.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	Not available.
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	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.

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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

TOKUYAMA REBASE III Powder*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

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

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