

Revision Date 08/28/2017

Revision 3

## SAFETY DATA SHEET

### TOKUYAMA REBASE II Liquid

#### 1. IDENTIFICATION

<b>Product Name</b>	TOKUYAMA REBASE II Liquid
<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) <a href="http://www.tokuyama-dental.com/tdc/contact.html">http://www.tokuyama-dental.com/tdc/contact.html</a>
<b>Contact Person</b>	
<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 number: +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>	Clear liquid
<b>Color</b>	Yellow
<b>Odor</b>	Characteristic
<b>GHS Pictogram</b>	



**Signal Word** Warning

**Hazard Statements**

H317 May cause an allergic skin reaction.

**Precautionary Statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+352 IF ON SKIN: Wash with plenty of soap and water.  
 P333+313 If skin irritation or rash occurs: Get medical advice/attention.  
 P363 Wash contaminated clothing before reuse.  
 P501 Dispose of contents/container in accordance with local regulations.

**Contains**

MEQUINOL

## TOKUYAMA REBASE II Liquid

### 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 skin contact may cause redness and irritation. May cause sensitization by skin contact. May cause minor irritation on eye contact.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>ACETOACETOXYETHYL METHACRYLATE</b>	<b>30-60%</b>
CAS No.: 21282-97-3	EC No.: 244-311-1
GHS Classification Not classified.	
<b>MEQUINOL</b>	<b>&lt;1%</b>
CAS No.: 150-76-5	EC No.: 205-769-8
GHS Classification Acute Tox. 4 - H302; Eye Irrit. 2 - H319; Skin Sens. 1 - H317	
<b>NONAMETHYLENDIOL DIMETHACRYLATE</b>	<b>30-60%</b>
CAS No.: 65833-30-9	EC No.:
GHS Classification Not classified.	

### 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.

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

## TOKUYAMA REBASE II Liquid

### Eye Contact

Slightly irritating.

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

### Notes To The Physician

Treat Symptomatically. Wear suitable protective clothing.

## 5. FIRE-FIGHTING MEASURES

### Auto Ignition Temperature (°C)

Not available.

### Flammability Limit - Lower(%)

Not available.

### Flammability Limit - Upper(%)

Not available.

**Flash point (°C)** 178°C

### 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

Avoid discharge into drains, water courses or onto the ground.

### 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. For waste disposal, see section 13.

## 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
MEQUINOL	ACGIH		5 mg/m3			

ACGIH=American Conference of Governmental Industrial Hygienists.

### Ingredient Comments

OSHA PELs : No exposure limits noted for ingredient(s).

### Protective Equipment

## TOKUYAMA REBASE II Liquid



### 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>	Clear liquid
<b>Color</b>	Yellow
<b>Odor</b>	Characteristic
<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>	178°C
<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 Liquid

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

Not available.

**Explosive properties**

Not available.

**Other Flammability**

Not available.

**Oxidising properties**

Not available.

### 10. STABILITY AND REACTIVITY

**Reactivity**

May polymerise.

**Stability**

Stable under normal temperature conditions and recommended use.

Hazardous reactions:

Not available.

**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 and frequent contact may cause redness and irritation.

**Serious eye damage/irritation:**

Slightly Irritating.

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

Not available.

**Skin sensitisation**

May cause sensitisation by skin contact.

**Germ cell mutagenicity:**

Not available.

**Carcinogenicity:**

Not established : IARC, NTP, EU, OSHA, ACGIH

**Reproductive Toxicity:**

Not available.

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

Not available.

**Specific target organ toxicity - repeated exposure:****STOT - Repeated exposure**

Not available.

## TOKUYAMA REBASE II Liquid

### Aspiration hazard:

#### Viscosity

Not available.

## 12. ECOLOGICAL INFORMATION

### 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

<b>General</b>	Not regulated.
<b>UN No. (DOT/TDG)</b>	N/A
<b>UN No. (IMDG)</b>	N/A
<b>UN No. (ICAO)</b>	N/A
<b>DOT Proper Shipping Name</b>	Not applicable.
<b>DOT Hazard Class</b>	No classification noted.
<b>DOT Hazard Label</b>	No DOT label requirement noted
<b>IMDG Class</b>	Not applicable.
<b>ICAO Class</b>	Not applicable.
<b>Transport Labels</b>	No transport warning sign required.
<b>DOT Pack Group</b>	Not applicable.
<b>IMDG Pack Group</b>	Not applicable.
<b>Air Pack Group</b>	Not applicable.
<b>Environmentally Hazardous Substance/Marine Pollutant</b>	No.
<b>Special precautions for user</b>	Not available.
<b>Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes</b>	Not applicable.

## 15. REGULATORY INFORMATION

### Regulatory Status (US)

This Product is Hazardous under the OSHA Hazard Communication Standard.

## TOKUYAMA REBASE II Liquid

### 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**

None of the ingredients are listed.

#### **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**

None of the ingredients are listed.

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

None of the ingredients are listed.

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

None of the ingredients are listed.

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

The following ingredients are listed.

MEQUINOL

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

The following ingredients are listed.

MEQUINOL

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

The following ingredients are listed.

MEQUINOL

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

The following ingredients are listed.

MEQUINOL

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

The following ingredients are listed.

MEQUINOL

### International Inventories

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

The following ingredients are listed.

ACETOACETOXYETHYL METHACRYLATE

MEQUINOL

#### **Canada – DSL/NDSL**

The following ingredients are listed.

ACETOACETOXYETHYL METHACRYLATE

MEQUINOL

#### **US - TSCA**

The following ingredients are listed.

ACETOACETOXYETHYL METHACRYLATE

MEQUINOL

## TOKUYAMA REBASE II Liquid

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

None of the ingredients are listed.

### 16. OTHER INFORMATION

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#### Disclaimer

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