

Revision Date 08/28/2017

Revision 3

SAFETY DATA SHEET

BISTITE II Air Barrier

1. IDENTIFICATION

Product Name BISTITE II Air Barrier

Identified uses Dental Cement, a component of kit. For dental professionals only.

Supplier Tokuyama Dental America Inc.
Tel: (877) 378 3548 (Toll-Free)
<http://www.tokuyama-dental.com/tdc/contact.html>

Contact Person

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

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
<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 numer: +1 202 362 8377
E-mail address: pc@poison.org
<http://www.poison.org>

2. HAZARD(S) IDENTIFICATION

Appearance Colored gel

Color Blue

Odor Characteristic

GHS Pictogram

No pictogram required.

GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

Hazard Not Otherwise Classified (HNOC)

Not applicable.

OSHA Regulatory Status

This Product is Not Hazardous under the OSHA Hazard Communication Standard.

General Information

IF SWALLOWED: Slightly Irritating. (DIGESTIVE SYSTEM.) May be slightly irritating to skin and eyes. Prolonged skin contact may cause redness and irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

BISTITE II Air Barrier

2,2'-(p-TOLYLIMINO)DIETHANOL	<1%
CAS No.: 3077-12-1	EC No.: 221-359-1
GHS Classification Not classified.	
HYDROXYPROPYL CELLULOSE	5-10%
CAS No.: 9004-64-2	EC No.:
GHS Classification Not classified.	
PROPYLENE GLYCOL	80-95%
CAS No.: 57-55-6	EC No.: 200-338-0
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

Ingestion

Slightly irritating. (DIGESTIVE SYSTEM.)

Skin Contact

Slightly irritating. Prolonged and frequent contact may cause redness and irritation.

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(%) 2.6

Flammability Limit - Upper(%) 12.5

BISTITE II Air Barrier

Flash point (°C) 99°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, sparks and open flame.

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

Ingredient Comments

No exposure limits noted for ingredient(s).

OSHA PELs : Not established

ACGIH TLVs: Not established

Protective Equipment



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.

BISTITE II Air Barrier

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colored gel
Color	Blue
Odor	Characteristic
Solubility	No information available.
Initial boiling point and boiling range	187°C
Melting point (°C)	Not available.
Relative density	Not available.
Vapor density (air=1)	Not available.
Vapor pressure	Not available.
Evaporation rate	Not available.
pH-Value, Conc. Solution	7
pH-Value, Diluted Solution	Not available.
Viscosity	Not available.
Decomposition temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point	99°C
Auto Ignition Temperature (°C)	Not available.
Flammability Limit - Lower(%)	2.6
Flammability Limit - Upper(%)	12.5
Partition Coefficient (N-Octanol/Water)	Not available.
Explosive properties	Not available.
Other Flammability	Not available.
Oxidising properties	Not available.

10. STABILITY AND REACTIVITY

Reactivity	No information available.
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

BISTITE II Air Barrier

Acute toxicity:

Not available.

Skin Corrosion/Irritation:

Slightly irritating. 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

Not available.

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.

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

BISTITE II Air Barrier

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.
Special precautions for user	Not available.
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 Not Hazardous under the OSHA Hazard Communication Standard.

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

None.

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.

BISTITE II Air Barrier

Massachusetts "Right To Know" List

None of the ingredients are listed.

Rhode Island "Right To Know" List

The following ingredients are listed.

PROPYLENE GLYCOL

Minnesota "Right To Know" List

The following ingredients are listed.

PROPYLENE GLYCOL

New Jersey "Right To Know" List

The following ingredients are listed.

PROPYLENE GLYCOL

Pennsylvania "Right To Know" List

The following ingredients are listed.

PROPYLENE GLYCOL

International Inventories

EU - EINECS/ELINCS

The following ingredients are listed.

2, 2'-(p-TOLYLIMINO)DIETHANOL

PROPYLENE GLYCOL

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.

16. OTHER INFORMATION

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Disclaimer

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