

**TOKUYAMA DENTAL CORP.****MATERIAL SAFETY DATA SHEET**

(According to 91/155/EEC and OSHA regulation 29 CFR 1910.1200(g))

**1. Identification of substance**

Product name	<b>BISTITE II Pastes (A &amp; B Pastes in Super Syringe)</b>
Description of Product	Adhesive Resin Cement, For dental professionals only.
Manufacturer	<b>Tokuyama Dental Corp.</b> 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
EC Representative (Emergency Contact in EU)	<b>Tokuyama Europe GmbH</b> Oststrasse 10, 40211 Düsseldorf, Germany Tel:+49 211 1754480, Fax:+49 211 357379
North America	<b>Tokuyama America, Inc.</b> California Tel: (650) 571 8872 Tel: (877) 378 3548 (Dental Toll-Free)

**2. Composition / Data on components**

Ingredients	%	Cas.No.	Symbols	R-phrases	OSHA PEL
Mixture of Silica based fillers	77	—	—	—	N/E
Composition of Methacrylates	23	—	—	—	N/E

(No dangerous components)

**3. Hazard identification**

Repeated prolonged contact may cause skin inflammation.
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**4. First aid measures**

After skin contact	Wash with soap and plenty of water.
After eye contact	Wash immediately with plenty of water. Get medical attention.
After swallowing	Induce vomiting immediately. Get medical attention.

**5. Fire fighting measures**

Suitable extinguishing media	Chemical foam, carbon dioxide or dry chemical
Media not to be used	None
Combustion products and resulting gases	None
Special precaution firefighters	Use protective clothing and a self-contained breathing apparatus.

**6. Accidental release measures**

Personal protection	Not required
Environmental protection	Not required
Methods for cleaning up	Clean up with an inert absorbent.

**7. Handling and storage**

Handling	Use in a well ventilated place.
Storage	Store in a cool, dark place (0°C ~10°C).

**8. Exposure controls / personal protection**

In general	Not required
Respiration protection	Not required
Hand protection	Wear suitable protective gloves.
Eye protection	Wear suitable protective glasses.
Skin protection	Wear suitable protective clothing.

**9. Physical and chemical properties**

Appearance	White or light brown tinted paste	Explosive properties	None
Odour	None	Oxidizing properties	None
pH	N/A	Vapor pressure	N/A
Boiling point	None	Relative density	N/A
Melting point	N/A	Solubility (water)	None
Flash point	N/A	Solubility (Solvent)	N/A
Flammability	None	Partition coefficient	N/A
Autoflammability	None	Others	—

**10. Stability and reactivity**

Conditions to avoid	Light, Heat, open flames
Materials to avoid	Strong oxidizing agents
Hazardous reactions	No hazardous reactions known

**11. Toxicological information**

Inhalation	No irritating effect
Ingestion	Slight irritating of the digesting organs
Skin contact	Slight irritating effect, repeated prolonged contact may cause inflammation.
Eye contact	Slight irritation
Carcinogenicity	N/R
Others	—

**12. Ecological information**

Biodegradability	N/R
Bioaccumulative	N/R
Aquatic toxicity	N/R
Others	—

**13. Disposal consideration**

Disposal must be made according to federal, state and local regulations.
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**14. Transport information**

UN number	Not subject to this section
Air transport	—
Sea transport	—
Inland transport	—

**15. Regulatory information**

Marking according to EU regulations	Not subject to the 67/548/EEC
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**16. Other information**

The information which is contained in this document is based on available data. However, as such has been obtained from various sources, including independent laboratories, it is given without warranty or representation that is complete, accurate and can be relied upon. Tokuyama Dental Corp has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such.

\*N/E: Not Established, N/A: Not Available, N/R: Not Regulated by IARC

**1. Identification of substance**

Product name	<b>BISTITE II Primer 1A</b>
Description of Product	Primer for adhesive resin cement, For dental professionals only
Manufacturer	<b>Tokuyama Dental Corp.</b> 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
EC Representative (Emergency Contact in EU)	<b>Tokuyama Europe GmbH</b> Oststrasse 10, 40211 Düsseldorf, Germany Tel:+49 211 1754480, Fax:+49 211 357379
North America	<b>Tokuyama America, Inc.</b> California Tel: (650) 571 8872 Tel: (877) 378 3548 (Dental Toll-Free)

**2. Composition / Data on components**

Ingredients	%	Cas.No.	Symbols	R-phrases	OSHA PEL
Acetone	48	67-64-1	F	R11	2400mg/m <sup>3</sup>
Composition of Methacrylates	—	—	—	—	N/E
Isopropanol	52	67-63-0	F	R11	980mg/m <sup>3</sup>
Phosphoric acid monomer	—	—	—	—	N/E

**3. Hazard identification**

Repeated prolonged contact may cause skin inflammation.
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**4. First aid measures**

After skin contact	Wash with soap and plenty of water.
After eye contact	Wash immediately with plenty of water. Get medical attention.
After swallowing	Do not induce vomiting. Induce drinking plenty of water and get medical attention.

**5. Fire fighting measures**

Suitable extinguishing media	Chemical foam, carbon dioxide or dry chemical
Media not to be used	None
Combustion products and resulting gases	Irritant gas may be released during heating or in case of fire.
Special precaution firefighters	Use protective clothing and a self-contained breathing apparatus.

**6. Accidental release measures**

Personal protection	Not required
Environmental protection	Do not empty into drains.
Methods for cleaning up	Clean up with an inert absorbent and dispose of at special waste collection point.

**7. Handling and storage**

Handling	Use only in well-ventilated areas.
Storage	Store in a cool, dark place (0°C ~10°C).

**8. Exposure controls / personal protection**

In general	Not required
Respiration protection	Not required
Hand protection	Wear suitable protective gloves.
Eye protection	Wear suitable protective glasses.
Skin protection	Wear suitable protective clothing.

**9. Physical and chemical properties**

Appearance	Yellowish liquid	Explosive properties	N/A
Odour	Characteristic odour	Oxidizing properties	None
pH	Acidic	Vapor pressure	N/A
Boiling point	N/A	Relative density	N/A
Melting point	N/A	Solubility (water)	N/A
Flash point	—16.5°C	Solubility (Solvent)	N/A
Flammability	Highly flammable	Partition coefficient	N/A
Autoflammability	N/A	Others	—

**10. Stability and reactivity**

Conditions to avoid	Heat, sparks and open flames
Materials to avoid	Strong oxidizing agents
Hazardous reactions	Incomplete thermal decomposition may cause toxic gases.

**11. Toxicological information**

Inhalation	Irritation of the respiratory organs
Ingestion	—
Skin contact	Slight irritation, defatting action, repeated prolonged contact may cause inflammation.
Eye contact	Irritation, redness, pain
Carcinogenicity	N/R
Others	—

**12. Ecological information**

Biodegradability	N/A
Bioaccumulative	N/A
Aquatic toxicity	N/A
Others	—

**13. Disposal consideration**

Disposal must be made according to federal, state and local regulations.
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**14. Transport information**

UN number	Not subject to this section
Air transport	Highly Flammable.
Sea transport	See section 2 and 9.
Inland transport	—

**15. Regulatory information**

Marking according to EU regulations	67/548/EEC, 92/32/EEC
Contains	Acetone
Symbols	F: Flammable
R-phrases	R11: Highly flammable
S-Phrases	S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition—No smoking. S23: Do not breath vapor. S33: Take precautionary measures against static discharges.
Others	R and S-phrases are not marked according to contents not more than 125ml and the case not related to the general public (Article 23 "Labeling"—3).

**16. Other information**

The information which is contained in this document is based on available data. However, as such has been obtained from various sources, including independent laboratories, it is given without warranty or representation that is complete, accurate and can be relied upon. Tokuyama Dental Corp has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such.

\*N/E: Not Established, N/A: Not Available, N/R: Not Regulated by IARC

**1. Identification of substance**

Product name	<b>BISTITE II Primer 1B</b>
Description of Product	Primer for adhesive resin cement, For dental professionals only
Manufacturer	<b>Tokuyama Dental Corp.</b> 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
EC Representative (Emergency Contact in EU)	<b>Tokuyama Europe GmbH</b> Oststrasse 10, 40211 Düsseldorf, Germany Tel:+49 211 1754480, Fax:+49 211 357379
North America	<b>Tokuyama America, Inc.</b> California Tel: (650) 571 8872 Tel: (877) 378 3548 (Dental Toll-Free)

**2. Composition / Data on components**

Ingredients	%	Cas.No.	Symbols	R-phrases	OSHA PEL
Water	86	—	—	—	N/E
Isopropanol	11	67-63-0	F	R11	980mg/m <sup>3</sup>
Initiator	3	—	—	—	N/E

**3. Hazard identification**

Repeated prolonged contact may cause skin inflammation.
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**4. First aid measures**

After skin contact	Wash with soap and plenty of water.
After eye contact	Wash immediately with plenty of water. Get medical attention.
After swallowing	Induce vomiting immediately. Get medical attention.

**5. Fire fighting measures**

Suitable extinguishing media	Chemical foam, carbon dioxide or dry chemical
Media not to be used	None
Combustion products and resulting gases	Irritant gas may be released during heating or in case of fire.
Special precaution firefighters	Use protective clothing and a self-contained breathing apparatus.

**6. Accidental release measures**

Personal protection	Not required
Environmental protection	Do not empty into drains.
Methods for cleaning up	Clean up with an inert absorbent and dispose of at special waste collection point.

**7. Handling and storage**

Handling	Use only in well-ventilated areas.
Storage	Store in a cool, dark place (0°C ~10°C).

**8. Exposure controls / personal protection**

In general	Not required
Respiration protection	Not required
Hand protection	Wear suitable protective gloves.
Eye protection	Wear suitable protective glasses.
Skin protection	Wear suitable protective clothing.

**9. Physical and chemical properties**

Appearance	Slight blue liquid	Explosive properties	N/A
Odour	Characteristic odour	Oxidizing properties	None
pH	Neutral	Vapor pressure	N/A
Boiling point	N/A	Relative density	N/A
Melting point	N/A	Solubility (water)	N/A
Flash point	None	Solubility (Solvent)	N/A
Flammability	None	Partition coefficient	N/A
Autoflammability	N/A	Others	—

**10. Stability and reactivity**

Conditions to avoid	Heat and open flames
Materials to avoid	Strong oxidizing agents
Hazardous reactions	Incomplete thermal decomposition may cause toxic gases.

**11. Toxicological information**

Inhalation	None
Ingestion	None
Skin contact	Repeated prolonged contact may cause inflammation.
Eye contact	Slight irritation, redness, pain
Carcinogenicity	N/R
Others	—

**12. Ecological information**

Biodegradability	N/A
Bioaccumulative	N/A
Aquatic toxicity	N/A
Others	—

**13. Disposal consideration**

Disposal must be made according to federal, state and local regulations.
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**14. Transport information**

UN number	Not subject to this section
Air transport	—
Sea transport	—
Inland transport	—

**15. Regulatory information**

Marking according to EU regulations	Not subject to the 67/548/EEC
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**16. Other information**

The information which is contained in this document is based on available data. However, as such has been obtained from various sources, including independent laboratories, it is given without warranty or representation that is complete, accurate and can be relied upon. Tokuyama Dental Corp has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such.

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**1. Identification of substance**

Product name	<b>BISTITE II Primer 2</b>
Description of Product	Primer for adhesive resin cement, For dental professionals only
Manufacturer	<b>Tokuyama Dental Corp.</b> 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
EC Representative (Emergency Contact in EU)	<b>Tokuyama Europe GmbH</b> Oststrasse 10, 40211 Düsseldorf, Germany Tel:+49 211 1754480, Fax:+49 211 357379
North America	<b>Tokuyama America, Inc.</b> California Tel: (650) 571 8872 Tel: (877) 378 3548 (Dental Toll-Free)

**2. Composition / Data on components**

Ingredients	%	Cas.No.	Symbols	R-phrases	OSHA PEL
Aceton	54	67-64-1	F	R11	2400mg/m <sup>3</sup>
Composition of Methacrylates	43	—	—	—	N/E
Initiator	3	—	—	—	N/E

**3. Hazard identification**

Repeated prolonged contact may cause skin inflammation.
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**4. First aid measures**

After skin contact	Wash with soap and plenty of water.
After eye contact	Wash immediately with plenty of water. Get medical attention.
After swallowing	Induce vomiting immediately. Get medical attention.

**5. Fire fighting measures**

Suitable extinguishing media	Chemical foam, carbon dioxide or dry chemical
Media not to be used	None
Combustion products and resulting gases	Irritant gas may be released during heating or in case of fire.
Special precaution firefighters	Use protective clothing and a self-contained breathing apparatus.

**6. Accidental release measures**

Personal protection	Not required
Environmental protection	Not required
Methods for cleaning up	Clean up with an inert absorbent.

**7. Handling and storage**

Handling	Use in a well ventilated place.
Storage	Store in a cool, dark place (0°C ~10°C).

**8. Exposure controls / personal protection**

In general	Not required
Respiration protection	Not required
Hand protection	Wear suitable protective gloves.
Eye protection	Wear suitable protective glasses.
Skin protection	Wear suitable protective clothing.

**9. Physical and chemical properties**

Appearance	Transparent liquid	Explosive properties	N/A
Odour	Characteristic slight odour	Oxidizing properties	None
pH	Neutral	Vapor pressure	N/A
Boiling point	N/A	Relative density	N/A
Melting point	N/A	Solubility (water)	N/A
Flash point	-15.0°C	Solubility (Solvent)	N/A
Flammability	Highly flammable	Partition coefficient	N/A
Autoflammability	N/A	Others	—

**10. Stability and reactivity**

Conditions to avoid	Heat, sparks and open flames
Materials to avoid	Strong oxidizing agents
Hazardous reactions	No hazardous reactions known

**11. Toxicological information**

Inhalation	Irritation of the respiratory organs
Ingestion	Irritation of the digesting organs
Skin contact	Irritation, defatting action, repeated prolonged contact may cause inflammation.
Eye contact	Irritation, redness, pain
Carcinogenicity	N/R
Others	—

**12. Ecological information**

Biodegradability	N/A
Bioaccumulative	N/A
Aquatic toxicity	N/A
Others	—

**13. Disposal consideration**

Disposal must be made according to federal, state and local regulations.

**14. Transport information**

UN number	Not subject to this section
Air transport	Highly Flammable. See section 2 and 9.
Sea transport	
Inland transport	

**15. Regulatory information**

Marking according to EU regulations	67/548/EEC, 92/32/EEC
Contains	Acetone
Symbols	F: Flammable
R-phrases	R11: Highly flammable
S-Phrases	S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition—No smoking. S23: Do not breath vapor. S33: Take precautionary measures against static discharges.
Others	R and S-phrases are not marked according to contents not more than 125ml and the case not related to the general public (Article 23 "Labeling"—3).

**16. Other information**

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**1. Identification of substance**

Product name	<b>TOKUSO CERAMIC PRIMER (A &amp; B)</b>
Description of Product	Primer for bonding to ceramic, For dental professionals only
Manufacturer	<b>Tokuyama Dental Corp.</b> 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
EC Representative (Emergency Contact in EU)	<b>Tokuyama Europe GmbH</b> Oststrasse 10, 40211 Düsseldorf, Germany Tel:+49 211 1754480, Fax:+49 211 357379
North America	<b>Tokuyama America, Inc.</b> California Tel: (650) 571 8872 Tel: (877) 378 3548 (Dental Toll-Free)

**2. Composition / Data on components**

Ingredients	%	Cas.No.	Symbols	R-phrases	OSHA PEL
Ethanol	97	64-17-5	F	R11	1900mg/m <sup>3</sup>
Composition of Methacrylates	3	—	—	—	N/E

**3. Hazard identification**

Repeated prolonged contact may cause skin inflammation.

**4. First aid measures**

After skin contact	Wash with soap and plenty of water.
After eye contact	Wash immediately with plenty of water. Get medical attention.
After swallowing	Induce vomiting immediately. Get medical attention.

**5. Fire fighting measures**

Suitable extinguishing media	Chemical foam, carbon dioxide or dry chemical
Media not to be used	None
Combustion products and resulting gases	Irritant gas may be released during heating or in case of fire.
Special precaution firefighters	Use protective clothing and a self-contained breathing apparatus.

**6. Accidental release measures**

Personal protection	Not required
Environmental protection	Not required
Methods for cleaning up	Clean up with an inert absorbent.

**7. Handling and storage**

Handling	Use in a well ventilated place.
Storage	Store in a cool, dark place (0°C ~25°C).

**8. Exposure controls / personal protection**

In general	Not required
Respiration protection	Not required
Hand protection	Wear suitable protective gloves.
Eye protection	Wear suitable protective glasses.
Skin protection	Wear suitable protective clothing.

**9. Physical and chemical properties**

Appearance	Transparent liquid	Explosive properties	3.3~19%
Odour	Characteristic slight odour	Oxidizing properties	None
pH	Acidic	Vapor pressure	N/A
Boiling point	78°C	Relative density	N/A
Melting point	N/A	Solubility (water)	N/A
Flash point	14°C	Solubility (Solvent)	N/A
Flammability	Highly flammable	Partition coefficient	N/A
Autoflammability	423°C	Others	—

**10. Stability and reactivity**

Conditions to avoid	Heat, sparks and open flames
Materials to avoid	Strong oxidizing agents
Hazardous reactions	No hazardous reactions known

**11. Toxicological information**

Inhalation	Irritation of the respiratory organs
Ingestion	Irritation of the digesting organs
Skin contact	Irritation, defatting action, repeated prolonged contact may cause inflammation.
Eye contact	Irritation, redness, pain
Carcinogenicity	N/R
Others	—

**12. Ecological information**

Biodegradability	N/A
Bioaccumulative	N/A
Aquatic toxicity	N/A
Others	—

**13. Disposal consideration**

Disposal must be made according to federal, state and local regulations.

**14. Transport information**

UN number	1170
Air transport	Highly Flammable. See section 2 and 9.
Sea transport	
Inland transport	

**15. Regulatory information**

Marking according to EU regulations	67/548/EEC, 92/32/EEC
Contains	Ethanol
Symbols	F: Flammable
R-phrases	R11: Highly flammable
S-Phrases	S2: Keep out of the reach of children. S7: Keep container tightly closed. S16: Keep away from heat.
Others	R and S-phrases are not marked according to contents not more than 125ml and the case not related to the general public (Article 23 "Labeling"—3).

**16. Other information**

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**1. Identification of substance**

Product name	<b>METALTITE</b>
Description of Product	Primer for bonding to precious metal, For dental professionals only
Manufacturer	<b>Tokuyama Dental Corp.</b> 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
EC Representative (Emergency Contact in EU)	<b>Tokuyama Europe GmbH</b> Oststrasse 10, 40211 Düsseldorf, Germany Tel:+49 211 1754480, Fax:+49 211 357379
North America	<b>Tokuyama America, Inc.</b> California Tel: (650) 571 8872 Tel: (877) 378 3548 (Dental Toll-Free)

**2. Composition / Data on components**

Ingredients	%	Cas.No.	Symbols	R-phrases	OSHA PEL
Adhesive promoter	Trace	—	—	—	N/E
Ethanol	100	64-17-5	F	R11	1900mg/m <sup>3</sup>

**3. Hazard identification**

Repeated prolonged contact may cause skin inflammation.

**4. First aid measures**

After skin contact	Wash with soap and plenty of water.
After eye contact	Wash immediately with plenty of water. Get medical attention.
After swallowing	Induce vomiting immediately. Get medical attention.

**5. Fire fighting measures**

Suitable extinguishing media	Chemical foam, carbon dioxide or dry chemical
Media not to be used	None
Combustion products and resulting gases	Irritant gas may be released during heating or in case of fire.
Special precaution firefighters	Use protective clothing and a self-contained breathing apparatus.

**6. Accidental release measures**

Personal protection	Not required
Environmental protection	Not required
Methods for cleaning up	Clean up with an inert absorbent.

**7. Handling and storage**

Handling	Use in a well ventilated place.
Storage	Store in a cool, dark place (0°C ~25°C).

**8. Exposure controls / personal protection**

In general	Not required
Respiration protection	Not required
Hand protection	Wear suitable protective gloves.
Eye protection	Wear suitable protective glasses.
Skin protection	Wear suitable protective clothing.

**9. Physical and chemical properties**

Appearance	Transparent liquid	Explosive properties	3.3~19%
Odour	Characteristic slight odour	Oxidizing properties	None
pH	Neutral	Vapor pressure	N/A
Boiling point	78°C	Relative density	0.79 at 15°C
Melting point	N/A	Solubility (water)	N/A
Flash point	14°C	Solubility (Solvent)	N/A
Flammability	Highly flammable	Partition coefficient	N/A
Autoflammability	423°C	Others	—

**10. Stability and reactivity**

Conditions to avoid	Heat, sparks and open flames
Materials to avoid	Strong oxidizing agents
Hazardous reactions	No hazardous reactions known

**11. Toxicological information**

Inhalation	Irritation of the respiratory organs
Ingestion	Irritation of the digesting organs
Skin contact	Irritation, defatting action, repeated prolonged contact may cause inflammation.
Eye contact	Irritation, redness, pain
Carcinogenicity	N/R
Others	—

**12. Ecological information**

Biodegradability	N/A
Bioaccumulative	N/A
Aquatic toxicity	N/A
Others	—

**13. Disposal consideration**

Disposal must be made according to federal, state and local regulations.

**14. Transport information**

UN number	1170
Air transport	Highly Flammable. See section 2 and 9.
Sea transport	
Inland transport	

**15. Regulatory information**

Marking according to EU regulations	67/548/EEC, 92/32/EEC
Contains	Ethanol
Symbols	F: Flammable
R-phrases	R11: Highly flammable
S-Phrases	S2: Keep out of the reach of children. S7: Keep container tightly closed. S16: Keep away from heat.
Others	R and S-phrases are not marked according to contents not more than 125ml and the case not related to the general public (Article 23 "Labeling"—3).

**16. Other information**

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\* N/E: Not Established, N/A: Not Available, N/R: Not Regulated by IARC

**1. Identification of substance**

Product name	<b>BISTITE II Air Barrier</b>
Description of Product	Air barrier for adhesive resin cement, For dental professionals only
Manufacturer	<b>Tokuyama Dental Corp.</b> 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
EC Representative (Emergency Contact in EU)	<b>Tokuyama Europe GmbH</b> Oststrasse 10, 40211 Düsseldorf, Germany Tel:+49 211 1754480, Fax:+49 211 357379
North America	<b>Tokuyama America, Inc.</b> California Tel: (650) 571 8872 Tel: (877) 378 3548 (Dental Toll-Free)

**2. Composition / Data on components**

Ingredients	%	Cas.No.	Symbols	R-phrases	OSHA PEL
Propylene glycol	94	57-55-56	—	—	N/E
Cellulose	5	—	—	—	N/E
Initiator	1	—	—	—	N/E

(No dangerous components)

**3. Hazard identification**

Repeated prolonged contact may cause skin inflammation.

**4. First aid measures**

After skin contact	Wash with soap and plenty of water.
After eye contact	Wash immediately with plenty of water. Get medical attention.
After swallowing	Induce vomiting immediately. Get medical attention.

**5. Fire fighting measures**

Suitable extinguishing media	Chemical foam, carbon dioxide or dry chemical
Media not to be used	None
Combustion products and resulting gases	Irritant gas may be released during heating or in case of fire.
Special precaution firefighters	Use protective clothing and a self-contained breathing apparatus.

**6. Accidental release measures**

Personal protection	Not required
Environmental protection	Not required
Methods for cleaning up	Clean up with an inert absorbent.

**7. Handling and storage**

Handling	Use in a well ventilated place.
Storage	Store in a cool, dark place (0°C ~25°C).

**8. Exposure controls / personal protection**

In general	Not required
Respiration protection	Not required
Hand protection	Wear suitable protective gloves.
Eye protection	Wear suitable protective glasses.
Skin protection	Wear suitable protective clothing.

**9. Physical and chemical properties**

Appearance	Bluish gel	Explosive properties	2.6~12.5%
Odour	Characteristic odour	Oxidizing properties	None
pH	Neutral	Vapor pressure	N/A
Boiling point	187°C	Relative density	N/A
Melting point	N/A	Solubility (water)	N/A
Flash point	99°C	Solubility (Solvent)	N/A
Flammability	None	Partition coefficient	N/A
Autoflammability	N/A	Others	—

**10. Stability and reactivity**

Conditions to avoid	Heat, sparks and open flames
Materials to avoid	Strong oxidizing agents
Hazardous reactions	No hazardous reactions known

**11. Toxicological information**

Inhalation	—
Ingestion	No irritating effect
Skin contact	No irritating effect
Eye contact	No irritating effect
Carcinogenicity	N/R
Others	—

**12. Ecological information**

Biodegradability	N/A
Bioaccumulative	N/A
Aquatic toxicity	N/A
Others	—

**13. Disposal consideration**

Disposal must be made according to federal, state and local regulations.

**14. Transport information**

UN number	Not subject to this section
Air transport	—
Sea transport	—
Inland transport	—

**15. Regulatory information**

Marking according to EU regulations Not subject to the 67/548/EEC

**16. Other information**

The information which is contained in this document is based on available data. However, as such has been obtained from various sources, including independent laboratories, it is given without warranty or representation that is complete, accurate and can be relied upon. Tokuyama Dental Corp has not attempted to conceal in any way the deleterious aspects of the product listed herein, but makes no warranty as to such.

\* N/E: Not Established, N/A: Not Available, N/R: Not Regulated by IARC