

**TOKUYAMA SHIELD FORCE PLUS**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name TOKUYAMA SHIELD FORCE PLUS

**1.2 Relevant identified uses of the substance or mixture and uses advised against**Identified Use(s) **[Medical Device]** Protective sealant for treatment of hypersensitive dentin.

For dental professionals only.

Uses Not Recommended

Use only for intended applications.

**1.3 Details of the supplier of the safety data sheet**

Manufacturer

Company Identification

Tokuyama Dental Corporation

Address of Manufacturer

38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan

Postal code

110-0016

Telephone:

+81-3-3835-2261

Fax

+81-3-3835-2265

Supplier

Company Identification

Tokuyama Dental Italy S.r.l.

Address of Supplier

Via Chizzalunga, 1, 36066 Sandrigo, Vicenza, Italy

Telephone:

+39-0444-659650

Fax

+39-0444-750345

E-mail

<http://www.tokuyama-dental.com/tdc/contact.html>**1.4 Emergency telephone number**

Emergency Phone No.

(UK)844 892 0111

Contact

Regional Medicines and Poisons Information Centre NI,

Pharmacy Department

Royal Hospital Suite, Grosvenor Road, Belfast

Emergency telephone: 844 892 0111

Telephone: +44 28 90 63 2032

Fax: +44 28 90 24 8030

E-mail address: [nirdic.nirdic@belfasttrust.hscni.net](mailto:nirdic.nirdic@belfasttrust.hscni.net)

National response center

Contact

NHS Direct

Emergency Phone No.

+44 111

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 2 :Highly flammable liquid and vapour.

Skin Irrit. 2 :Causes skin irritation.

Skin Sens. 1 :May cause an allergic skin reaction.

Eye Irrit. 2 :Causes serious eye irritation.

STOT SE 3 :May cause drowsiness or dizziness.

**2.2 Label elements**

Product Name

According to Regulation (EC) No. 1272/2008 (CLP)

TOKUYAMA SHIELD FORCE PLUS

Hazard Pictogram(s)



GHS02



GHS07

Signal Word(s)

Danger

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

**TOKUYAMA SHIELD FORCE PLUS**

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 P501 Dispose of contents/ container in accordance with local regulations.

**2.3 Other hazards**

None known. This product does not contain any substances classified as PBT or vPvB.  
 Endocrine disrupting properties: Not known.

**2.4 Additional Information**

Contains: PROPAN-2-OL  
 (1-METHYLETHYLIDENE)BIS[4,1-PHENYLENEOXY(2-HYDROXY-3,1-PROPANEDIYL)] BISMETHACRYLATE,  
 2-HYDROXYETHYL METHACRYLATE,  
 2,2'-ETHYLENEDIOXYDIETHYL DIMETHACRYLATE  
 For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not applicable.

**3.2 Mixtures**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	% W/W	Hazard Statement(s)	Hazard Pictogram(s)
PROPAN-2-OL	67-63-0	200-661-7	30-60	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	GHS02 GHS07
(1-METHYLETHYLIDENE) BIS[4,1-PHENYLENEOXY (2-HYDROXY-3,1-PROPANEDIYL)] BISMETHACRYLATE	1565-94-2	216-367-7	10-30	Skin Sens. 1 H317 Aquatic Chronic 3 H412	GHS07
2-PROPENOIC ACID, 2-METHYL-, 2-HYDROXYETHYL ESTER, PHOSPHATE	52628-03-2	258-053-2	10-30	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07
2-HYDROXYETHYL METHACRYLATE	868-77-9	212-782-2	10-30	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319	GHS07
2,2'-ETHYLENEDIOXYDIETHYL DIMETHACRYLATE	109-16-0	203-652-6	5-10	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319	GHS07
DL-BORNANE-2,3-DIONE	10373-78-1	233-814-1	<1	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	GHS07
2,6-DI-tert-BUTYL-p-CRESOL	128-37-0	204-881-4	<1	Aquatic Chronic 1 H410	GHS09
DIPHENYL(2,4,6-TRIMETHYLBENZOYL) PHOSPHINE OXIDE	75980-60-8	278-355-8	<1	Repr. 2 - H361f	GHS08
MEQUINOL	150-76-5	205-769-8	<1	Acute Tox. 4 H302 Skin Sens. 1 H317 Eye Irrit. 2 H319	GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific concentration limits	M-factor,	ATE
MEQUINOL	150-76-5	—	—	Acute Tox. 4 (H302) : 500
2,6-DI-tert-BUTYL-p-CRESOL	128-37-0	—	M factor (Chronic) =1	—

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

General

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**TOKUYAMA SHIELD FORCE PLUS**

Inhalation	Move affected person to fresh air at once.
Skin Contact	Wash skin thoroughly with soap and water. Take off contaminated clothing and wash it before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

**4.2 Most important symptoms and effects, both acute and delayed**

Inhalation	Vapours may cause drowsiness and dizziness.
Skin contact	Skin irritation. Allergic rash.
Eye contact	May cause severe eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed**

Notes for the doctor	No specific recommendations.
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**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

Suitable Extinguishing media	Extinguish with the following media: Foam. Carbon dioxide or dry powder.
Unsuitable extinguishing media	Water jet spray

**5.2 Special hazards arising from the substance or mixture**

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours. Heating of containers may cause pressure rise, with risk of bursting.

**5.3 Advice for firefighters**

Avoid breathing fire gases or vapours.  
Keep upwind. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as per section 8. No action should be taken involving personal risk. Evacuate area. Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. IF ON CLOTHING: Remove contaminated clothing immediately. Avoid inhalation of vapours. In case of inadequate ventilation wear respiratory protection. Avoid contact with skin and eyes.

**6.2 Environmental precautions**

Do not allow to enter drains, sewers or watercourses. This material and its container must be disposed of in a safe way.

**6.3 Methods and material for containment and cleaning up**

Wear protective clothing as per section 8. No open flames, no sparks and no smoking. If safe to do so: Eliminate sources of ignition. Use non-sparking tools. Absorb spillage in suitable inert material. Place in sealable container. Keep container tightly closed. Wash thoroughly after dealing with spillage. Disposal considerations: See Section:13.

**6.4 Reference to other sections**

See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Avoid breathing dust/ fume/ gas/ mist/ vapours/spray. Use only outdoors or in a well-ventilated area. Do not subject to grinding/shock/friction. Avoid contact with skin, eyes or clothing. Contaminated work clothing should not be allowed out of the workplace. Keep containers properly sealed when not in use. Do not handle broken packages without protective equipment. Keep away from food, drink and animal feedingstuffs.

**7.2 Conditions for safe storage, including any incompatibilities**

**TOKUYAMA SHIELD FORCE PLUS**

Storage temperature  
Storage life  
Incompatible materials  
Storage class  
**7.3 Specific end use(s)**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from direct sunlight. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Store in dry place.

Storage temperature (°C): 0-10°C .

Stable under normal conditions.

Incompatible with organic peroxides. Oxidizing agents, Acids, Alkalis .

Flammable liquid storage.

**[Medical Device]** Protective sealant for treatment of hypersensitive dentin.  
For dental professionals only.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****8.1.1 Occupational Exposure Limits**





Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
PROPAN-2-OL	67-63-0	400	999	500	1250	WEL
2,6-DI-tert-BUTYL-p-CRESOL	128-37-0		10			
2,6-DI-tert-BUTYL-p-CRESOL	128-37-0		10			Comp,

Region	Source
EU	EU Occupational Exposure Limits
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)
Remark	Notes
IOELV	Indicative Occupational Exposure Limit Values.
WEL	Workplace Exposure Limit

**8.2 Exposure controls**

**8.2.1. Appropriate engineering controls** Provide adequate ventilation. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Observe any occupational exposure limits for the product or ingredients.

**8.2.2. Personal protection equipment**

	Eye Protection	Wear eye protection with side protection (EN166). The following protection should be worn: Chemical splash goggles.
	Skin protection	Wear appropriate clothing to prevent any possibility of skin contact. Wear protective clothing and gloves: Impervious gloves (EN 374). Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Gloves should be changed regularly to avoid permeation problems. Wear solvent-resistant apron and boots.
	Respiratory protection	Normally no personal respiratory protection is necessary. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.
	Thermal hazards	None known.
	Hygiene measures	Wash hands 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. Promptly remove any clothing that becomes contaminated. Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**8.2.3. Environmental Exposure Controls**

Avoid release to the environment. Keep container tightly sealed when not in use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**TOKUYAMA SHIELD FORCE PLUS****9.1 Information on basic physical and chemical properties**

Appearance	Liquid.
	Colour : Light (or pale) green
Odour	Characteristic
Odour threshold	Not known.
pH	pH (diluted solution): 2.3
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	20.0°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	1.0
Solubility(ies)	Solubility (Water) : Not known. / Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

**9.2 Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

There are no known reactivity hazards associated with this product. See the other subsections of this section for further details.

**10.2 Chemical Stability**

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.  
The product is highly flammable.

**10.3 Possibility of hazardous reactions**

The following materials may react strongly with the product: Oxidising materials.  
Organicperoxides/ hydroperoxides.

**10.4 Conditions to avoid**

Avoid friction, sparks, or other means of ignition. Keep away from heat, sources of ignition and direct sunlight. Avoid contact with moisture.

**10.5 Incompatible materials**

Strong oxidising agents, Acids, Alkalis.

**10.6 Hazardous decomposition products**

Combustion or thermal decomposition may evolve toxic vapours.  
Toxic gases/vapours(Carbon monoxide, Carbon dioxide).

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

Acute toxicity - Ingestion	Not classified.
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.

2,6-DI-tert-BUTYL-p-CRESOL (Cas.No. : 128-37-0)

IARC carcinogenicity : IARC Group 3

Not classifiable as to its carcinogenicity to humans.

**TOKUYAMA SHIELD FORCE PLUS**

	NTP carcinogenicity : Not listed
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Calculation method : May cause drowsiness or dizziness.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
<b>11.2 Other information</b>	
Route(s) of entry	Skin, Eyes, Ingestion, Inhalation, Health effects: See section 4.2. Endocrine disrupting properties: Not known.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Toxicity - Aquatic invertebrates	Not classified.
Toxicity - Fish	Not classified.
Toxicity - Algae	Not classified.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

**12.2 Persistence and degradability**

Not known.

**12.3 Bioaccumulative potential**

Not known.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

**12.6 Endocrine disrupting properties**

Endocrine disrupting properties: Not known.

**12.7 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/ regional/ national/ international regulations.  
Must not be disposed of together with household garbage. Dispose at suitable refuse site. Do not allow to enter drains, sewers or watercourses. Empty containers may retain some product residues and hence be potentially hazardous.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN number**

UN No. 1133

**14.2 UN proper shipping name**

UN proper shipping name ADHESIVES

**14.3 Transport hazard class(es)**

ADR/RID

ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	640D
Limited Quantities	5 L
Excepted Quantities	E2
Emergency Action Code	•3YE
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	PP1
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1 TP8
Tank Code for Tanks	LGBF
Special Provisions for Tanks	

**TOKUYAMA SHIELD FORCE PLUS**

Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	S2 S20
ADR HIN	33

IMDG	
IMDG Class	3
Special Provisions	640D
Limited Quantities	5 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	PP1
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1 TP8
IMDG EMS	F-E, S-D
Stowage and Handling	Category B
Segregation	
Marine Pollutant	

ICAO/IATA	
IATA Proper Shipping Name	ADHESIVES
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y341
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	353
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Max net Qty	60L
Special Provisions	A3
Emergency Response Guidebook (ERG) Code	3L

Labels	
Labels	3

**14.4 Packing group**

Packing group	II
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**14.5 Environmental hazards**

Environmental hazards	Not classified as a Marine Pollutant.
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**14.6 Special precautions for user**

Special precautions for user	Not known.
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**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

	No information available
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**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

**TOKUYAMA SHIELD FORCE PLUS**

Candidate List of Substances of Very High Concern for Authorisation	DIPHENYL(2,4,6TRIMETHYLBENZOYL) PHOSPHINE OXIDE(75980-60-8)
REACH: ANNEX XIV list of substances subject to authorisation	Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not listed
Community Rolling Action Plan (CoRAP)	2-hydroxyethyl methacrylate (868-77-9), 2,6-di-tert-butyl-p-cresol (128-37-0)
Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed
Directive 93/42/EEC	This product is a medical device as defined in Directive 93/42/EEC (MDD), which is invasive or used in direct physical contact with the human body, and therefore is exempt from the requirements of classification and labelling according to Regulation (EC) No. 1272/2008 (CLP; Article 1, paragraph 5). Although not required, the product is classified and labelled according to the CLP regulation.

**National regulations**

Other

Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: SECTION 15.1

Training advice

Ensure operatives are trained to minimise exposure. Only trained personnel should use this material.

Date of First Issue

20-6-2013

Date of Revision

31-12-2023

Revision ( UK )

5

**LEGEND**

Hazard Pictogram(s)



GHS02



GHS07

Hazard classification

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Flam. Liq. 2 : Flammable liquid, Category 2

Acute Tox. 4 : Acute toxicity, Category 4

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Skin Sens. 1 : Skin sensitization, Category 1

Skin Sens. 1B : Skin sensitization, Category 1B

Eye Irrit. 2 : Serious eye damage/irritation,

Repr. 2 : Reproductive toxicity Category 2

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.



**TOKUYAMA SHIELD FORCE PLUS**

Precautionary Statement(s)	<p>H361f: Suspected of damaging fertility.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>H412: Harmful to aquatic life with long lasting effects.</p> <p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233: Keep container tightly closed.</p> <p>P240: Ground and bond container and receiving equipment.</p> <p>P241: Use explosion-proof electrical/ventilating/lighting/equipment.</p> <p>P242: Use non-sparking tools.</p> <p>P243: Take action to prevent static discharges.</p> <p>P261: Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264: Wash hands and exposed skin thoroughly after handling.</p> <p>P271: Use only outdoors or in a well-ventilated area.</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>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312: Call a POISON CENTER/doctor if you feel unwell.</p> <p>P321: Specific treatment (see Medical Advice on this label).</p> <p>P332+P313: If skin irritation occurs: Get medical advice/attention.</p> <p>P333+P313: If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P337+P313: If eye irritation persists: Get medical advice/attention.</p> <p>P362+P364: Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.</p> <p>P403+P233: Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235: Store in a well-ventilated place. Keep cool.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents/ container in accordance with local regulations.</p>
Acronyms	<p>ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</p> <p>ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>CAS : Chemical Abstracts Service</p> <p>CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</p> <p>DNEL : Derived No Effect Level</p> <p>EC : European Community</p> <p>EINECS : European Inventory of Existing Commercial Chemical Substances</p> <p>IATA : International Air Transport Association</p> <p>IBC : Intermediate Bulk Container</p> <p>ICAO : International Civil Aviation Organization</p> <p>IMDG : International Maritime Dangerous Goods</p> <p>LTEL : Long term exposure limit</p> <p>PBT : Persistent, Bioaccumulative and Toxic</p> <p>PNEC : Predicted No Effect Concentration</p> <p>REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals</p> <p>RID : Regulations concerning the International Carriage of Dangerous Goods by Rail</p> <p>STEL : Short term exposure limit</p> <p>STOT : Specific Target Organ Toxicity</p> <p>UN : United Nations</p> <p>vPvB : very Persistent and very Bioaccumulative</p>
Disclaimers	<p>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.</p>