SAFETY DATA SHEETS

This SDS packet was issued with item: 075187042

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

075185285 075185467 075187018 075187026 075187034 075187059 075187067 075187075 075187083 075187091 075187109 075187117 075187125 075187133 075187141 075187158 075187166 075187174 075187182 075187190 075187208 075187216 075187307 075187604 075187612 075187620 075187638 075187646 075187653 075187661 075187679 075187687 075187695 075187703 075187711 075187729 075187737 075187745 075187752 075187760 075187778 075187786 075187794 075187802 075216510

MATERIAL SAFETY DATA SHEET ESTELITE FLOW QUICK High Flow

PRODUCT NAME	ESTELITE FLOW QUICK High Flow		
PRODUCT USE	Resin-based Dental Restorative Mate	arial For dontal profession -I-	1-
SUPPLIER	Tokuyama Dental America Inc. Tel: (877) 378 3548 (Toll-Free)	MANUFACTURER	Tokuyama Dental Corporation 38-9, Taitou 1-chome, Taitou-ku, Tokyo, Japan
CONTACT PERSON	http://www.tokuyama-dental.com/con	lact.htm	TEL: +81-3-3835-7201
EMERGENCY TELEPHONE	Washington National Capital Poison Center 3201 New Mexico Avenue, Suite 310 Telephone: +1 202 362 3867 Emergency telephone: 1 800 222 122 Fax: +1 202 362 8377 E-mail: pc@poison.org Web site: http://www.poison.org		
	San Francisco California Poison Control System at San Francisco General Hospital University of California San Francisco. 1001 Potrero Avenue, Bldg 5 Rm 2A2 San Francisco, California 94143-1369 Telephona: +1 415 643 3200 Emergency telephone: 1 800 222 1222 Fax: +1 415 502 6010 E-mail: coadmin@calpoison.org Web site: http://www.calpoison.org	1	

2 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS INGESTION Slightly imitating. DIGESTIVE SYSTEM. SKIN CONTACT Slightly irritating. May cause sensitization by skin contact. EYE CONTACT Slightly irritating.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %
bisphenol A di(2-hydroxy propoxy) dimethacrylate	216-367-7	1565-94-2	10-30%
camphorquinone	233-814-1	10373-78-1	< 1%
dibutyl hydroxy toluene	204-881-4	128-37-0	< 1%
MEQUINOL	205-769-8	150-76-5	< 1%
triethylene glycol dimethacrylate	203-652-6	109-16-0	10-30%

GENERAL INFORMATION

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

ESTELITE FLOW QUICK High Flow

INHALATION

Move the exposed person to fresh air at once.

INGESTION

Try to induce vomiting. Get medical attention if any discomfort continues.

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.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapors.

SPECIFIC HAZARDS

When heated and in case of fire, irritating vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Wear full protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this material safety data sheet.

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.

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,

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation. 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 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.

ESTELITE FLOW QUICK High Flow

9 PHYSICAL AND CHEMICAL PROPERTIES

ā.,

APPEARANCE	Paste
COLOR	Yellow white
RELATIVE DENSITY	1.8
PH-VALUE, CONC. SOLUTION	7

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

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

TOXICOLOGICAL INFORMATION

No data on possible toxic effects have been found.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

TRANSPORT NOTES Not regulated.

15 REGULATORY INFORMATION

INVENTORIES

COMPONENT		CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
MEQUINOL		No.	No.	EINECS		- <u></u> -			
COMPONENT					TSCA 1	2(b) Expo	ort Notifica	ation	
MEQUINOL	<u>11 - 11 - 112 - 11</u> - 112			uintin - iti	No.			·	
US FEDERAL REGULATIONS				I					
COMPONENT				SARA 3	02-TPQ	CERC	CLA-RQ	SARA	313
MEQUINOL				Not Liste	d	Not Li	isted	No.	
CLEAN AIR ACT								_ I	
COMPONENT				CAA Accid	lental R	1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 1991 - 19	revention	1997) - Ma	
MEQUINOL				Not Listed					

REVISION DATE 15/01/2013

ESTELITE FLOW QUICK High Flow

US STATE REGULATIONS

CAS	CA	FL	MA	MN	NJ	PA	RI
150-76-5	Not Listed	Not Listed	Not Listed		Not Listed	Not Listed	Not Listed

REGULATORY REFERENCES

29 CFR 1910, 1200(g) Federal Regulations (OSHA Standard).

16 OTHER INFORMATION	그는 그는 그는 그 그 같아요. 그는 것 같아요. 그는 것 것 같아요. 것 같아요.	
		and the second
그 같은 전쟁법법과 이 방법법이 가지 않았다. 이 방문 문장이 많은 것 같아요. 이 것	그는 방법에 가지 않는 것이 같이 있는 것이 같아요. 이 집에서 가지 않는 것이 없는 것이 없 않이 없는 것이 없 않 않이 없는 것이 없이 없이 없는 것이 없이 않이	
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REVISION DATE

15/01/2013

DISCLAIMER

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.

Obtained by Global Safety Management, Inc. -Tel: 1-813-435-5161 - www.globalsafetynet.com

SAFETY DATA SHEET ESTELITE Σ QUICK

1. Identification

Product identifier	
Product name	ESTELITE Σ QUICK
Recommended use of the	chemical and restrictions on use
Application	Resin-based Dental Restorative Material. For dental professionals only.
Details of the supplier of the	e 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 num	iber
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	

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	

Pictogram



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.
Contains	2-PROPENOIC ACID, 2-METHYL-, (1-METHYLETHYLIDENE)BIS[4,1-PHENYLENEOXY(2- HYDROXY-3,1-PROPANEDIYL)] ESTER, TRIETHYLENE GLYCOL DIMETHACRYLATE, p- METHOXYPHENOL

3. Composition/information on ingredients

Mixtures

2-PROPENOIC ACID, 2-METHYL-, (1- METHYLETHYLIDENE)BIS[4,1-PHENYLENEOXY(2- HYDROXY-3,1-PROPANEDIYL)] ESTER	10-30%
CAS number: 1565-94-2	
TRIETHYLENE GLYCOL DIMETHACRYLATE CAS number: 109-16-0	5-10%
2,6-DI-tert-BUTYL-p-CRESOL	<1%
CAS number: 128-37-0	
M factor (Chronic) = 1	
p-METHOXYPHENOL	<1%
CAS number: 150-76-5	
TITANIUM DIOXIDE	< 0.1%
CAS number: 13463-67-7	
1 First-aid measures	

4. First-aid measures

Description of first aid meas	sures
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.

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. Get medical attention if irritation persists after washing.
Most important symptoms and	l effects, both acute and delayed
Skin contact	Allergic rash.
Indication of immediate medic	al attention and special treatment needed
Notes for the doctor	No specific recommendations.
5. Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Extinguish with the following media: Foam. Carbon dioxide or dry powder.
Special hazards arising from t	he substance or mixture
Specific hazards	When heated and in case of fire, irritating vapors/gases may be formed.
Hazardous combustion products	No known hazardous decomposition products.
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapors.
Special protective equipment for firefighters	Wear chemical protective suit.
6. Accidental release measure	IS
Personal precautions, protecti	ve equipment and emergency procedures
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	
Environmental precautions	
	No specific recommendations.
Methods and material for cont	
Methods and material for cont Methods for cleaning up	
	ainment and cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into
Methods for cleaning up	ainment and cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.
Methods for cleaning up Reference to other sections	ainment and cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.
Methods for cleaning up Reference to other sections 7. Handling and storage	ainment and cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.
Methods for cleaning up Reference to other sections 7. Handling and storage Precautions for safe handling	ainment and cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. For waste disposal, see Section 13.
Methods for cleaning up Reference to other sections 7. Handling and storage Precautions for safe handling Usage precautions	ainment and cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. For waste disposal, see Section 13.
Methods for cleaning up Reference to other sections 7. Handling and storage Precautions for safe handling Usage precautions Conditions for safe storage, in	ainment and cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. For waste disposal, see Section 13. All handling should only take place in well-ventilated areas. cluding any incompatibilities Store in a cool and well-ventilated place. Store at temperatures between 0°C/25°F and 32°C/77°F. Keep away from heat, hot surfaces, sparks, open flames and other ignition

inhalable fraction and vapor

inhalable fraction and vapor

inhalable fraction and vapor

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

2,6-DI-tert-BUTYL-p-CRESOL

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ A4, A4, A4

p-METHOXYPHENOL

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

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³ Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³ Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³ A4, A4, A4 Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ Cosha 15 mg/m³ 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 general and local exhaust ventilation.
Eye/face protection	The following protection should be worn: 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 smoke in work area. 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. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Paste
Color	Yellow-white
Odor	Not available.
Odor threshold	Not available.
рН	pH (concentrated solution): 7
Melting point	Not available.
Initial boiling point and range	Not available.

Flash point	Not available.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	1.9
Solubility(ies)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidizing properties	Not available.
Other information	Not available.
10. Stability and reactivity	
10. Stability and reactivity Reactivity	May polymerize. See the other subsections of this section for further details.
	May polymerize. See the other subsections of this section for further details. Stable at normal ambient temperatures and when used as recommended.
Reactivity	
Reactivity Stability Possibility of hazardous	Stable at normal ambient temperatures and when used as recommended.
Reactivity Stability Possibility of hazardous reactions	Stable at normal ambient temperatures and when used as recommended. Not known.
Reactivity Stability Possibility of hazardous reactions Conditions to avoid	Stable at normal ambient temperatures and when used as recommended. Not known. Keep away from heat, sparks and open flame. Protect against direct sunlight.
Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition	Stable at normal ambient temperatures and when used as recommended. Not known. Keep away from heat, sparks and open flame. Protect against direct sunlight. Strong oxidizing agents.
Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products	Stable at normal ambient temperatures and when used as recommended. Not known. Keep away from heat, sparks and open flame. Protect against direct sunlight. Strong oxidizing agents. Heating may generate the following products: Toxic gases or vapors.
Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products 11. Toxicological information	Stable at normal ambient temperatures and when used as recommended. Not known. Keep away from heat, sparks and open flame. Protect against direct sunlight. Strong oxidizing agents. Heating may generate the following products: Toxic gases or vapors.
Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products 11. Toxicological information Information on toxicological ef	Stable at normal ambient temperatures and when used as recommended. Not known. Keep away from heat, sparks and open flame. Protect against direct sunlight. Strong oxidizing agents. Heating may generate the following products: Toxic gases or vapors. fects
Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products 11. Toxicological information Information on toxicological ef Routes of exposure Acute toxicity - oral	Stable at normal ambient temperatures and when used as recommended. Not known. Keep away from heat, sparks and open flame. Protect against direct sunlight. Strong oxidizing agents. Heating may generate the following products: Toxic gases or vapors. Fects See section 4. Skin , Eyes , Ingestion , Inhalation

Notes (inhalation LC ₅₀)	Not avai	ilable.
Skin corrosion/irritation		
Skin corrosion/irritation	Not avai	ilable.
Animal data	Not avai	ilable.
Serious eye damage/irritation Serious eye damage/irritation	Not avai	ilable.
Respiratory sensitization Respiratory sensitization	Not avai	ilable.
Skin sensitization Skin sensitization	Sensitiz	ing.
Germ cell mutagenicity Genotoxicity - in vitro	Not avai	ilable.
Genotoxicity - in vivo	Not avai	ilable.
Carcinogenicity Carcinogenicity	Based o	on available data the classification criteria are not met.
IARC carcinogenicity	Some of	f the ingredients are listed or exempt.
NTP carcinogenicity	Some of	f the ingredients are listed or exempt.
OSHA Carcinogenicity	None of	the ingredients are listed.
Reproductive toxicity Reproductive toxicity - fertility	Not avai	ilable.
Reproductive toxicity - development	Not avai	ilable.
Specific target organ toxicity -	single exp	posure
STOT - single exposure	Not avai	ilable.
Specific target organ toxicity -	-	
STOT - repeated exposure	Not avai	ilable.
Aspiration hazard Aspiration hazard	Not avai	ilable.
Toxicological information on ingredients.		
		2,6-DI-tert-BUTYL-p-CRESOL
Carcinogenicity		
IARC carcinogenicity		IARC Group 3 Not classifiable as to its carcinogenicity to humans.
NTP carcinogenicity		Reasonably anticipated to be a human carcinogen.
OSHA Carcinoge	enicity	Not listed.
		TITANIUM DIOXIDE
Acute toxicity - in	halation	
ATE inhalation (dusts/mists mg/l)		1.5

Carcinogenicity					
IARC carcinogen	nicity	IARC Group 2B Possibly carcinogenic to humans.			
NTP carcinogenicity		Reasonably anticipated to be a human carcinogen.			
OSHA Carcinoge	enicity	Not listed.			
12. Ecological Information					
Toxicity	No data available.				
Acute toxicity - fish	Not available.				
Acute toxicity - aquatic invertebrates	Not available.				
Acute toxicity - aquatic plants	Not ava	Not available.			
Chronic toxicity - fish early life stage	Not ava	Not available.			
Short term toxicity - embryo and sac fry stages	Not available.				
Chronic toxicity - aquatic invertebrates	Not ava	Not available.			
Persistence and degradability					
Persistence and degradability	No data	No data available.			
Bioaccumulative potential					
Bio-Accumulative Potential	No data	No data available on bioaccumulation.			
Partition coefficient	Not ava	Not available.			
Mobility in soil					
Mobility	No infor	No information available.			
Other adverse effects					
Other adverse effects	Not kno	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	-	duct is not covered by international regulations on the transport of dangerous goods IATA, DOT).			
UN Number					
Not applicable.					
UN No. (IMDG)	N/A	N/A			
UN No. (ICAO)	N/A				
UN No. (DOT)	N/A				

UN proper shipping na	me
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TITANIUM DIOXIDE

Not applicable.

Transport hazard class(es) Not applicable. **IMDG Class** Not applicable. ICAO class/division Not applicable. Transport labels No transport warning sign required. Packing group Not applicable. IMDG packing group Not applicable. ICAO packing group Not applicable. **Environmental hazards Environmentally Hazardous Substance** No. Special precautions for user Not applicable. Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code 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 (311/312) Hazard Categories Acute **US State Regulations** California Proposition 65 Carcinogens and Reproductive Toxins TITANIUM DIOXIDE California Directors List of Hazardous Substances 2,6-DI-tert-BUTYL-p-CRESOL p-METHOXYPHENOL Massachusetts "Right To Know" List 2,6-DI-tert-BUTYL-p-CRESOL p-METHOXYPHENOL

Rhode Island "Right To Know" List

2,6-DI-tert-BUTYL-p-CRESOL p-METHOXYPHENOL TITANIUM DIOXIDE

Minnesota "Right To Know" List

2,6-DI-tert-BUTYL-p-CRESOL p-METHOXYPHENOL TITANIUM DIOXIDE

New Jersey "Right To Know" List

2,6-DI-tert-BUTYL-p-CRESOL p-METHOXYPHENOL TITANIUM DIOXIDE

Pennsylvania "Right To Know" List

2,6-DI-tert-BUTYL-p-CRESOL p-METHOXYPHENOL TITANIUM DIOXIDE

16. Other information

Training advice	Ensure operatives are trained to minimize exposure. Only trained personnel should use this material.
Revision comments	Revised formulation.
Revision date	7/20/2017
Revision	2
Hazard statements in full	H317 May cause an allergic skin reaction.

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 replied 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 information.