

STUDIO 746 Desktop Checklist

STUDIO 746
1043 East Market Street
York, PA 17403-1154
Contact: *Missie Cunningham*
Phone: (717) 854-8617
Fax: (717) 854-8512

Date: *Monday, September 23, 2002*
Due Date & Time: *N/A*
Client Name: *DENTSPLY Professional*
Studio Job Number/Purchase Order: *2002-251*
All disks and applications are Macintosh
Disk Name: *Studio CD*
Folder Name: *02-251 Delton+DDS/LC/OP MSD.job*
Folder Name: *Fonts*
Folder Name: *Reports*

Output File Name:

02-251 Delton+DDS/LC/OP MSDS

Application and version number: *QuarkXpress 4.11*

Laser Proofs provided: *Yes @ 100%*

Type of File: *Application*

Number of pages in document: *2*

Output page number(s): *Both*

Page Size (live area inside crops): *4.25" x 6.625"*

Cropmarks (include or exclude): *N/A*

Proof Output: *N/A*

Line Screen (LPI): *150*

Resolution (DPI): *2400*

Archive Files (yes or no): *yes*

Font List (Type One):

Futura

Graphics List (include imported image):

Special Instructions:

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- **Do not replace our fonts with yours as this may cause text to reflow**
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Contact: *Missie Cunningham*
Phone: (717) 854-8617
Fax: (717) 854-8512

MATERIAL SAFETY DATA SHEET

Cartridges

1.1 Product Trade Name: DELTON® PLUS DIRECT DELIVERY SYSTEM
PIT & FISSURE SEALANT - LIGHT CURE - OPAQUE - WITH RELEASABLE FLUORIDE

SECTION I

1.2 Company Name: :DENTSPLY Professional
1.3 Address :DENTSPLY International
York, PA 17404
1.4 Emergency Phone Number :Chemtrec (800) 424-9300 (U.S.A.)
:(703) 527-3887 (International)
1.5 Phone Number For Information :(800) 989-8826
1.6 Date Prepared :2/1/98

SECTION II - INGREDIENTS

Ingredients	CAS No.	Percentage	Expose Limits	Ref. *
Resin Blend		58.87	ND	5
Filler Blend		40.80	NA	5
Light Activators		1.0	NA	5

*REFERENCES FOR EXPOSURE LIMITS: 1. Federal OSHA Permissible Exposure Limit. 2. ACGIH Threshold Limit Values TLV-TWA 3. NIOSH Exposure Limit Values 4. Chemical Manufacturers Recommended Guidelines 5. (NE = None Established, NA = Not Applicable, ND = Not Determined)

SECTION III - PHYSICAL PROPERTIES

3.1 Boiling point	:N.A.	3.11 Specific Gravity	:N.A.
3.2 Vapor pressure	:N.E.	3.12 pH	:N.A.
3.3 Vapor density	:N.A.	3.13 Evaporation rate	:N.A.
3.4 Critical Temperature	:N.A.	3.14 Viscosity	:N.A.
3.5 Decomposition Temperature	:N.A.	3.15 Magnetism	:N.A.
3.6 Melting/Freezing Point	:N.A.	3.16 Autoignition Temp	:N.A.
3.7 Solubility in water	:N.A.	3.17 Corrosion Rate	:N.A.
3.8 Critical Pressure	:N.A.	3.18 Molecular Weight	:N.A.
3.9 Perm. Exp. Limit	:N.A.		
3.10 Appearance and odor	:Opaque viscous liquid, characteristic methacrylate odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

4.1 Flash point (Method used) :N.A.
4.2 Flammable (Explosive Limits) :N.D. **LEL:** N.D. **UEL:** N.D.
4.3 Extinguishing Media :Dry chemical foam, CO₂, dry chemical.
4.4 Special Fire Fighting Procedures/Equipment :Use protective gear. Use water fog to cool large containers exposed to fire in warehouse or manufacturing facilities.
4.5 Unusual Fire and Explosion Hazards :Material may burn if exposed to flame. Keep away from ignition sources.

SECTION V - HEALTH HAZARD DATA

5.1 Effects of Acute and Chronic Over Exposure:
EYES: May cause irritation upon contact.
SKIN: Avoid prolonged contact with the skin. Repeated contact may cause reddening and irritation.
INHALATION: N.A.
INGESTION: N.A.
5.2 Emergency and First Aid Procedures
EYES: Immediately flush eyes with copious quantities of water for 15 minutes; seek medical attention if irritation or discomfort persists.
SKIN: Wash skin with soap and water. Moisturizing cream may be used to prevent drying and cracking of skin.
INHALATION: N.A.
INGESTION: N.A.
5.3 Toxicity: (LD₅₀, LC₅₀, etc.) > 5000 mg/kg

SECTION VI - REACTIVITY DATA

6.1 General Reactivity: **Unstable:** **Stable:** X
6.2 Conditions to Avoid (Stability): N.A.
6.3 Incompatibility (Materials to Avoid): None
6.4 Hazardous Decomposition or Byproducts: Unknown
6.5 Hazardous Polymerization: May occur (only in large quantities).
6.6 Conditions to Avoid (Polymerization): Elevated temperatures.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

7.1 Handling and Storage Precautions: Do not get into eyes, on skin or clothing. Store away from ignition sources. Protect from high heat. Keep containers closed when not in use.
7.2 Other Precautions: None.
7.3 Steps to be Taken in Case Material is Released or Spilled: Absorb onto Vermiculite or clay. Scoop up and dispose into acceptable containers.
7.4 Waste Disposal Procedures: Dispose in accordance with all applicable federal, state and local regulations for relatively non-toxic organics. Avoid conditions which may result in dispersion to streams or waterways.
7.5 Neutralizing Agent: N.A.

SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

8.1 Respiratory Protection :None required.
8.2 Ventilation :N.A.
8.3 Protective Gloves :Yes, impervious.
8.4 Eye Protection :Chemical splash goggles are recommended.
8.5 Other Protective Clothing or Equipment :None
8.6 Work/Hygienic Practices :Observe normal care when working with chemicals.

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1043 East Market Street
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Fax: (717) 854-8512

Date: Monday, September 23, 2002
Due Date & Time: N/A
Client Name: DENTSPLY Professional
Studio Job Number/Purchase Order: 2002-252
All disks and applications are Macintosh
Disk Name: Studio CD
Folder Name: 02-252 DELTON Etch Gel MSDS.job
Folder Name: Images
Folder Name: Fonts
Folder Name: Reports

Output File Name:

02-252 DELTON Etch Gel MSDS

Application and version number: QuarkXpress 4.11

Laser Proofs provided: Yes @ 100%

Type of File: Application

Number of pages in document: 1

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Page Size (live area inside crops): 9.25" x 6.375"

Cropmarks (include or exclude): Include

Proof Output: N/A

Line Screen (LPI): 150

Resolution (DPI): 2400

Archive Files (yes or no): yes

Font List (Type One):

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Graphics List (include imported image):

Professional/K.eps

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Contact: Missie Cunningham
Phone: (717) 854-8617
Fax: (717) 854-8512

MATERIAL SAFETY DATA SHEET

SECTION I - Product/Company Information

1.1	Product Trade Name:	DELTON® Phosphoric Acid Etchant Gel
1.2	Division Name:	DENTSPLY Professional
1.3	Address:	1301 Smile Way (P.O. Box 7807) York, PA 17404-0807
1.4	City, State, Zip:	Chemtrec (800) 424-9300 (U.S.A.) (703) 527-3887 (International)
1.5	Emergency Phone Number:	(800) 989-8826
1.6	Phone Number For Information:	02/09/00
1.6	Date Prepared:	

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV
Phosphoric Acid, 34%	1.0 mg/M ³	1.0 mg/M ³

SECTION III - Physical/Chemical Characteristics

3.1	Boiling point:	108°C	3.6	Specific Gravity:	1.3 g/cm ³ (H ₂ O=1)
3.2	Vapor pressure:	N.A.	3.7	Melting Point:	N.A.
3.3	Vapor density:	N.A.	3.8	Evaporation rate:	N.A.
3.4	Solubility in water:	>95%			
3.5	Appearance and odor:	Blue slightly viscous paste with acrid odor.			

SECTION IV - Fire and Explosion Hazard Data

4.1	Flash point (method used):	N.A. (COC)
4.2	Flammability (explosive limits):	N.A.
	LEL: N.E.	UEL: N.E.
4.3	Extinguishing media:	Water
4.4	Special fire fighting procedures:	None
4.5	Unusual fire and explosion hazards:	None

SECTION V - Reactivity Data

5.1	Stability:	Unstable:	Stable: X
5.2	Conditions to avoid (stability):	Heat greater than 50°C for extended periods.	
5.3	Incompatibility (materials to avoid):	None	
5.4	Hazardous decomposition or byproducts:	None	
5.5	Hazardous polymerization:	May occur:	Will not occur: X
5.6	Conditions to avoid (polymerization):	None	

SECTION VI - Health Hazard Data

6.1	Route(s) of entry:	Inhalation?: No	Skin?: No	Ingestion?: Yes
6.2	Health hazards (acute and chronic):	Contact with eyes and skin may cause irritation. This is short term and should go away after rinsing with water followed by washing with soap and water.		
6.3	Carcinogenicity	NTP?: Not listed	IARC monographs?: Not listed	
		OSHA regulated?: No		
		All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.		
6.4	Signs and symptoms of exposure:	Product may irritate the eyes and skin. Eye contact: irritation. Skin contact: irritation.		
6.5	Medical conditions generally aggravated by exposure:	N.A.		
6.6	Emergency first aid procedures:	In case of eye contact, rinse with flowing water for 15 minutes and get medical attention. Skin: Rinse with flowing water for 15 minutes, followed by washing with mild soap and water.		

SECTION VII - Precautions for Safe Handling and Use

7.1	Steps to be taken in case material is released or spilled:	No special steps required beyond flushing with water.
7.2	Waste disposal methods:	Dispose of in accordance with Federal, State and Local regulations.
7.3	Precautions to be taken in handling and storage:	Store away from food and beverages. Preferred storage is in cool, dry location.
7.4	Other precautions:	For dental professional use only. Keep out of reach of children. Observe normal care when handling chemicals.

SECTION VIII - Control Measures

8.1	Respiratory protection:	None required during normal use of this product.
8.2	Ventilation:	None required during normal use of this product.
8.3	Protective gloves:	Latex or vinyl.
8.4	Eye protection:	Safety glasses.
8.5	Other protective clothing or equipment:	None.
8.6	Work/Hygienic practices:	Observe normal care when working with chemicals.

NFPA HAZARD CLASSIFICATIONS	
Health	1
Flammability	0
Reactivity	0
Specific Hazard	N.A.

N.F.P.A. - National Fire Protection Association

N.A. - Not Applicable

N.E. - Not Established

DENTSPLY
PROFESSIONAL

Manufactured by:
DENTSPLY Professional
DENTSPLY International
1301 Smile Way
P.O. Box 7807
York, PA 17404-0807
Tel: 1-800-989-8826

Form No. 537728941 Rev. C 03/02

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1043 East Market Street
York, PA 17403-1154
Contact: Missie Cunningham
Phone: (717) 854-8617
Fax: (717) 854-8512

Date: Monday, September 23, 2002
Due Date & Time: N/A
Client Name: DENTSPLY Professional
Studio Job Number/Purchase Order: 2002-253
All disks and applications are Macintosh
Disk Name: Studio CD
Folder Name: 02-253 DELTON Etch Liquid M.job
Folder Name: Images
Folder Name: Fonts
Folder Name: Reports

Output File Name:

02-253 DELTON Etch Liquid MSDS

Application and version number: QuarkXpress 4.11

Laser Proofs provided: Yes @ 100%

Type of File: Application

Number of pages in document: 1

Output page number(s): 1

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Cropmarks (include or exclude): N/A

Proof Output: N/A

Line Screen (LPI): 150

Resolution (DPI): 2400

Archive Files (yes or no): yes

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MATERIAL SAFETY DATA SHEET

SECTION I - Product/Company Information

1.1 Product Trade Name: DELTON® Phosphoric Acid Etchant Liquid
1.2 Division Name: DENTSPLY Professional
1.3 Address: 1301 Smile Way (P.O. Box 7807)
City, State, Zip: York, PA 17404-0807
1.4 Emergency Phone Number: Chemtrec (800) 424-9300 (U.S.A.)
(703) 527-3887 (International)
1.5 Phone Number For Information: (800) 989-8826
1.6 Date Prepared: 02/09/00

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV
Phosphoric Acid, 34%	1.0 mg/M ³	1.0 mg/M ³

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point:	108°C	3.6 Specific Gravity:	1.1 g/cm ³ (H ₂ O=1)
3.2 Vapor pressure:	N.A.	3.7 Melting Point:	N.A.
3.3 Vapor density:	N.A.	3.8 Evaporation rate:	N.A.
3.4 Solubility in water:	>99%		
3.5 Appearance and odor:	Clear solution with acid odor.		

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash point (method used):	N.A. (COC)
4.2 Flammability (explosive limits):	N.A.
LEL: N.E. UEL: N.E.	
4.3 Extinguishing media:	Water
4.4 Special fire fighting procedures:	None
4.5 Unusual fire and explosion hazards:	None

SECTION V - Reactivity Data

5.1 Stability:	Unstable:	Stable:	X
5.2 Conditions to avoid (stability):	Heat greater than 50°C for extended periods.		
5.3 Incompatibility (materials to avoid):	None		
5.4 Hazardous decomposition or byproducts:	None		
5.5 Hazardous polymerization:	May occur:	Will not occur: X	
5.6 Conditions to avoid (polymerization):	None		

SECTION VI - Health Hazard Data

6.1 Route(s) of entry: **Inhalation?:** No **Skin?:** No **Ingestion?:** Yes
6.2 Health hazards (acute and chronic): Contact with eyes and skin may cause irritation. This is short term and should go away after rinsing with water followed by washing with soap and water.
6.3 Carcinogenicity: **NTP?:** Not listed **IARC monographs?:** Not listed
OSHA regulated?: No
All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
6.4 Signs and symptoms of exposure: Product may irritate the eyes and skin. Eye contact: irritation. Skin contact: irritation.
6.5 Medical conditions generally aggravated by exposure: N.A.
6.6 Emergency first aid procedures: In case of eye contact, rinse with flowing water for 15 minutes and get medical attention. Skin: Rinse with flowing water for 15 minutes, followed by washing with mild soap and water.

SECTION VII - Precautions for Safe Handling and Use

7.1 Steps to be taken in case material is released or spilled: No special steps required beyond flushing with water.
7.2 Waste disposal methods: Dispose of in accordance with Federal, State and Local regulations.
7.3 Precautions to be taken in handling and storage: Store away from food and beverages. Preferred storage is in cool, dry location.
7.4 Other precautions: For dental professional use only. Keep out of reach of children. Observe normal care when handling chemicals.

SECTION VIII - Control Measures

8.1 Respiratory protection: None required during normal use of this product.
8.2 Ventilation: None required during normal use of this product.
8.3 Protective gloves: Latex or vinyl.
8.4 Eye protection: Safety glasses.
8.5 Other protective clothing or equipment: None.
8.6 Work/Hygienic practices: Observe normal care when working with chemicals.

NFPA HAZARD CLASSIFICATIONS	
Health	1
Flammability	0
Reactivity	0
Specific Hazard	N.A.

N.F.P.A. - National Fire Protection Association
N.A. - Not Applicable
N.E. - Not Established

DENTSPLY
PROFESSIONAL

Manufactured by:
DENTSPLY Professional
DENTSPLY International
1301 Smile Way
P.O. Box 7807
York, PA 17404-0807
Tel: 1-800-989-8826

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Date: Monday, September 23, 2002
Due Date & Time: N/A
Client Name: DENTSPLY Professional
Studio Job Number/Purchase Order: 2002-254
All disks and applications are Macintosh
Disk Name: Studio CD
Folder Name: 02-254 Delton LC/CLear MSDS.job
Folder Name: Fonts
Folder Name: Reports

Output File Name:

02-254 Delton LC/CLear MSDS

Application and version number: QuarkXpress 4.11

Laser Proofs provided: Yes @ 100%

Type of File: Application

Number of pages in document: 2

Output page number(s): 2

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Cropmarks (include or exclude): N/A

Proof Output: N/A

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MATERIAL SAFETY DATA SHEET

Cartridges & 2.7 ml Bottles

1.1 Product Trade Name: DELTON® PIT & FISSURE SEALANT - LIGHT CURE - CLEAR

SECTION I

- 1.2 Company Name:** :DENTSPLY Professional
1.3 Address :DENTSPLY International
York, PA 17404
1.4 Emergency Phone Number :Chemtrec (800) 424-9300 (U.S.A.)
:(703) 527-3887 (International)
1.5 Phone Number For Information : (800) 989-8826
1.6 Date Prepared :10/1/97

SECTION II - INGREDIENTS

Ingredients	CAS No.	Percentage	Expose Limits	Ref. *
Aromatic and aliphatic dimethacrylate monomers		98.54	N.D.	5
Filler Blend		1.08	N.A.	5
Light Activators		>1.0	N.A.	5

*REFERENCES FOR EXPOSURE LIMITS: 1. Federal OSHA Permissible Exposure Limit. 2. ACGIH Threshold Limit Values TLV-TWA 3. NIOSH Exposure Limit Values 4. Chemical Manufacturers Recommended Guidelines 5. (NE = None Established, NA = Not Applicable, ND = Not Determined)

SECTION III - PHYSICAL PROPERTIES

- 3.1 Boiling Point** :N.A.
3.2 Vapor Pressure :N.E.
3.3 Vapor Density :N.A.
3.4 Solubility in Water :N.A.
3.5 Appearance and Odor :Transparent light amber liquid, characteristic methacrylate odor.
3.6 Specific Gravity :1.2
3.7 Melting/Freezing Point :N.A.
3.8 Evaporation Rate :N.A.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

- 4.1 Flash Point (Method used)** :N.A.
4.2 Flammable (Explosive Limits) :N.D. **LEL:** N.D. **UEL:** N.D.
4.3 Extinguishing Media :Dry chemical foam, CO₂, dry chemical.
4.4 Special Fire Fighting Procedures/Equipment :Use protective gear. Use water fog to cool large containers exposed to fire in warehouse or manufacturing facilities.
4.5 Unusual Fire and Explosion Hazards :Material may burn if exposed to flame. Keep away from ignition sources.

SECTION V - HEALTH HAZARD DATA

- 5.1 Effects of Acute and Chronic Over Exposure:**
EYES: May cause irritation upon contact.
SKIN: Avoid prolonged contact with the skin. Repeated contact may cause reddening and irritation.
INHALATION: N.A.
INGESTION: N.A.
5.2 Emergency and First Aid Procedures
EYES: Immediately flush eyes with copious quantities of water for 15 minutes; seek medical attention if irritation or discomfort persists.
SKIN: Wash skin with soap and water. Moisturizing cream may be used to prevent drying and cracking of skin.
INHALATION: N.A.
INGESTION: N.A.
5.3 Toxicity: (LD₅₀, LC₅₀, etc.) > 5000 mg/kg

SECTION VI - REACTIVITY DATA

- 6.1 General Reactivity:** **Unstable:** **Stable:** X
6.2 Conditions to Avoid (Stability): N.A.
6.3 Incompatibility (Materials to Avoid): None
6.4 Hazardous Decomposition or Byproducts: Unknown
6.5 Hazardous Polymerization: May occur (only in large quantities).
6.6 Conditions to Avoid (Polymerization): Elevated temperatures.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

- 7.1 Handling and Storage Precautions:** Do not get into eyes, on skin or clothing. Store away from ignition sources. Protect from high heat. Keep containers closed when not in use.
7.2 Other Precautions: None.
7.3 Steps to be Taken In Case Material is Released or Spilled: Absorb onto vermiculite or clay. Scoop up and dispose into acceptable containers.
7.4 Waste Disposal Procedures: Dispose in accordance with all applicable federal, state and local regulations for relatively non-toxic organics. Avoid conditions which may result in dispersion of streams or waterways.
7.5 Neutralizing Agent: N.A.

SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

- 8.1 Respiratory Protection** :None required.
8.2 Ventilation :N.A.
8.3 Protective Gloves :Yes, impervious.
8.4 Eye Protection :Chemical splash goggles are recommended.
8.5 Other Protective Clothing or Equipment :None
8.6 Work/Hygienic Practices :Observe normal care when working with chemicals.

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Date: Monday, September 23 2002
Due Date & Time: N/A
Client Name: DENTSPLY Professional
Studio Job Number/Purchase Order: 2002-255
All disks and applications are Macintosh
Disk Name: Studio CD
Folder Name: 02-255 Delton SC/Unv/Clear .job
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Folder Name: Reports

Output File Name:

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MATERIAL SAFETY DATA SHEET

2.7 & 5.5 ml Bottles

1.1 Product Trade Name: DELTON® PIT & FISSURE SEALANT - UNIVERSAL LIQUID - SELF CURE - CLEAR

SECTION I

1.2 Company Name: :DENTSPLY Professional
1.3 Address :DENTSPLY International
York, PA 17404
1.4 Emergency Phone Number :Chemtrec (800) 424-9300 (U.S.A.)
:(703) 527-3887 (International)
1.5 Phone Number For Information : (800) 989-8826
1.6 Date Prepared :10/1/97

SECTION II - INGREDIENTS

Ingredients	CAS No.	Percentage	Expose Limits	Ref. *
Aromatic and aliphatic dimethacrylate monomers		97.38	N.D.	5
2, 6-di-tertiarybutyl-p-cresol (BHT)	128-37-0	.05	N.A.	5
n, n-hydroxyethyl-3, 4-dimethylaniline	62-53-3	2.57	10mg/M ² (skin)	2

*REFERENCES FOR EXPOSURE LIMITS: 1. Federal OSHA Permissible Exposure Limit. 2. ACGIH Threshold Limit Values TLV-TWA 3. NIOSH Exposure Limit Values 4. Chemical Manufacturers Recommended Guidelines 5. (NE = None Established, NA = Not Applicable, ND = Not Determined)

SECTION III - PHYSICAL PROPERTIES

3.1 Boiling Point :N.A.
3.2 Vapor Pressure :N.E.
3.3 Vapor Density :N.A.
3.4 Solubility in Water :N.A.
3.5 Appearance and Odor :Transparent light amber liquid, characteristic methacrylate odor. Liquid sealant forms a clear polymerized film.
3.6 Specific Gravity :1.2
3.7 Melting/Freezing Point :N.A.
3.8 Evaporation Rate :N.A.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

4.1 Flash Point (Method used) :N.A.
4.2 Flammable (Explosive Limits) :N.D. **LEL:** N.D. **UEL:** N.D.
4.3 Extinguishing Media :Dry chemical foam, CO₂, dry chemical.
4.4 Special Fire Fighting Procedures/Equipment :Use protective gear. Use water fog to cool large containers exposed to fire in warehouse or manufacturing facilities.
4.5 Unusual Fire and Explosion Hazards:Material may burn if exposed to flame. Keep away from ignition sources.

SECTION V - HEALTH HAZARD DATA

5.1 Effects of Acute and Chronic Over Exposure:

EYES: May cause irritation upon contact.
SKIN: Avoid prolonged contact with the skin. Repeated contact may cause reddening and irritation.
INHALATION: N.A.
INGESTION: N.A.

5.2 Emergency and First Aid Procedures

EYES: Immediately flush eyes with copious quantities of water for 15 minutes; seek medical attention if irritation or discomfort persists.
SKIN: Wash skin with soap and water.
INHALATION: N.A.
INGESTION: N.A.

5.3 Toxicity: LD₅₀, LC₅₀, etc.) > 5000 mg/kg

SECTION VI - REACTIVITY DATA

6.1 General Reactivity: **Unstable:** **Stable:** X
6.2 Conditions to Avoid (Stability): N.A.
6.3 Incompatibility (Materials to Avoid): None
6.4 Hazardous Decomposition or Byproducts: Unknown
6.5 Hazardous Polymerization: May occur (only in large quantities).
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7.1 Handling and Storage Precautions: Do not get into eyes, on skin or clothing. Store away from ignition sources. Protect from high heat. Keep containers closed when not in use.
7.2 Other Precautions: None.
7.3 Steps to be Taken In Case Material is Released or Spilled: Absorb onto vermiculite or clay. Scoop up and dispose into acceptable containers.
7.4 Waste Disposal Procedures: Dispose in accordance with all applicable federal, state and local regulations for relatively non-toxic organics. Avoid conditions which may result in dispersion of streams or waterways.
7.5 Neutralizing Agent: N.A.

SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

8.1 Respiratory Protection :None required.
8.2 Ventilation :N.A.
8.3 Protective Gloves :Yes, impervious.
8.4 Eye Protection :Chemical splash goggles are recommended.
8.5 Other Protective Clothing or Equipment :None
8.6 Work/Hygienic Practices :Observe normal care when working with chemicals.

STUDIO 746 Desktop Checklist

STUDIO 746
1043 East Market Street
York, PA 17403-1154
Contact: *Missie Cunningham*
Phone: (717) 854-8617
Fax: (717) 854-8512

Date: *Monday, September 23, 2002*
Due Date & Time: *N/A*
Client Name: *DENTSPLY Professional*
Studio Job Number/Purchase Order: *2002-256*
All disks and applications are Macintosh
Disk Name: *Studio CD*
Folder Name: *02-256 Delton SC/Catalyst M.job*
Folder Name: *Fonts*
Folder Name: *Reports*

Output File Name:

02-256 Delton SC/Catalyst MSDS

Application and version number: *QuarkXpress 4.11*

Laser Proofs provided: *Yes @ 100%*

Type of File: *Application*

Number of pages in document: *2*

Output page number(s): *2*

Page Size (live area inside crops): *4.125" x 6.75"*

Cropmarks (include or exclude): *N/A*

Proof Output: *N/A*

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Resolution (DPI): *2400*

Archive Files (yes or no): *yes*

Font List (Type One):

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Graphics List (include imported image):

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- **Do not replace our fonts with yours as this may cause text to reflow**
- **PLEASE CALL WITH ANY QUESTIONS!!!**
Contact: *Missie Cunningham*
Phone: (717) 854-8617
Fax: (717) 854-8512

MATERIAL SAFETY DATA SHEET

2.7 & 5.5 ml Bottles

1.1 Product Trade Name: DELTON® PIT & FISSURE SEALANT - CATALYST LIQUID - SELF CURE

SECTION I

1.2 Company Name: :DENTSPLY Professional
1.3 Address :DENTSPLY International
York, PA 17404
1.4 Emergency Phone Number :Chemtrec (800) 424-9300 (U.S.A.)
:(703) 527-3887 (International)
1.5 Phone Number For Information :(800) 989-8826
1.6 Date Prepared :10/1/97

SECTION II - INGREDIENTS

Ingredients	CAS No.	Percentage	Expose Limits	Ref. *
Aromatic and aliphatic dimethacrylate monomers		97.90	N.D.	5
2. 6-di-tertbutyl-p-cresol (BHT)	128-37-0	.15	N.A.	5
Benzoyl Peroxide	94-36-0	1.95	5mg/M ³	2

*REFERENCES FOR EXPOSURE LIMITS: 1. Federal OSHA Permissible Exposure Limit. 2. ACGIH Threshold Limit Values TLV-TWA 3. NIOSH Exposure Limit Values 4. Chemical Manufacturers Recommended Guidelines 5. (NE = None Established, NA = Not Applicable, ND = Not Determined)

SECTION III - PHYSICAL PROPERTIES

3.1 Boiling Point :N.A.
3.2 Vapor Pressure :N.E.
3.3 Vapor Density :N.A.
3.4 Solubility in Water :N.A.
3.5 Appearance and Odor :Transparent light amber liquid, characteristic methacrylate odor.
3.6 Specific Gravity :1.2
3.7 Melting/Freezing Point :N.A.
3.8 Evaporation Rate :N.A.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

4.1 Flash Point (Method used) :N.A.
4.2 Flammable (Explosive Limits) :N.D. **LEL:** N.D. **UEL:** N.D.
4.3 Extinguishing Media :Dry chemical foam, CO₂, dry chemical.
4.4 Special Fire Fighting Procedures/Equipment :Use protective gear. Use water fog to cool large containers exposed to fire in warehouse or manufacturing facilities.
4.5 Unusual Fire and Explosion Hazards :Material may burn if exposed to flame. Keep away from ignition sources. Material may oxidize reactive amine compounds, initiating polymerization.

SECTION V - HEALTH HAZARD DATA

5.1 Effects of Acute and Chronic Over Exposure:

EYES: May cause irritation upon contact.

SKIN: Avoid prolonged contact with the skin. Repeated contact may cause reddening and irritation.

INHALATION: N.A.

INGESTION: N.A.

5.2 Emergency and First Aid Procedures

EYES: Immediately flush eyes with copious quantities of water for 15 minutes; seek medical attention if irritation or discomfort persists.

SKIN: Wash skin with soap and water. Moisturizing cream may be used to prevent drying and cracking of skin.

INHALATION: N.A.

INGESTION: N.A.

5.3 Toxicity: LD₅₀, LC₅₀, etc.) > 5000 mg/kg

SECTION VI - REACTIVITY DATA

6.1 General Reactivity:

Unstable:

Stable: X

6.2 Conditions to Avoid (Stability): N.A.

6.3 Incompatibility (Materials to Avoid): None

6.4 Hazardous Decomposition or Byproducts: Unknown

6.5 Hazardous Polymerization: May occur (only in large quantities).

6.6 Conditions to Avoid (Polymerization): Elevated temperatures, contact with tertiary amine based compounds.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

7.1 Handling and Storage Precautions: Do not get into eyes, on skin or clothing. Store away from ignition sources. Protect from high heat. Keep containers closed when not in use.

7.2 Other Precautions: None.

7.3 Steps to be Taken In Case Material is Released or Spilled: Absorb onto vermiculite or clay. Scoop up and dispose into acceptable containers.

7.4 Waste Disposal Procedures: Dispose in accordance with all applicable federal, state and local regulations for relatively non-toxic organics. Avoid conditions which may result in dispersion to streams or waterways.

7.5 Neutralizing Agent: N.A.

SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

8.1 Respiratory Protection

:None required.

8.2 Ventilation

:N.A.

8.3 Protective Gloves

:Yes, impervious.

8.4 Eye Protection

:Chemical splash goggles are recommended.

8.5 Other Protective Clothing or Equipment

:None

8.6 Work/Hygienic Practices

:Observe normal care when working with chemicals.

STUDIO 746 Desktop Checklist

STUDIO 746
1043 East Market Street
York, PA 17403-1154
Contact: *Missie Cunningham*
Phone: (717) 854-8617
Fax: (717) 854-8512

Date: *Monday, September 23, 2002*
Due Date & Time: *N/A*
Client Name: *DENTSPLY Professional*
Studio Job Number/Purchase Order: *2002-257*
All disks and applications are Macintosh
Disk Name: *Studio CD*
Folder Name: *02-257 Delton SC/Univ/Op MS.job*
Folder Name: *Images*
Folder Name: *Fonts*
Folder Name: *Reports*

Output File Name:

02-257 Delton SC/Univ/Op MSDS

Application and version number: *QuarkXpress 4.11*

Laser Proofs provided: *Yes @ 100%*

Type of File: *Application*

Number of pages in document: *2*

Output page number(s): *2*

Page Size (live area inside crops): *4.125" x 6.75"*

Cropmarks (include or exclude): *N/A*

Proof Output: *N/A*

Line Screen (LPI): *150*

Resolution (DPI): *2400*

Archive Files (yes or no): *yes*

Font List (Type One):

Futura

Graphics List (include imported image):

Special Instructions:

- **File prints 100% Black ONLY!!!**
- **Do not replace our fonts with yours as this may cause text to reflow**
- **PLEASE CALL WITH ANY QUESTIONS!!!**
Contact: *Missie Cunningham*
Phone: (717) 854-8617
Fax: (717) 854-8512

MATERIAL SAFETY DATA SHEET

2.7 ml Bottles

1.1 Product Trade Name: DELTON® PIT & FISSURE SEALANT - UNIVERSAL LIQUID - SELF CURE - OPAQUE

SECTION I

1.2 Company Name: :DENTSPLY Professional
1.3 Address :DENTSPLY International
York, PA 17404
1.4 Emergency Phone Number :Chemtrec (800) 424-9300 (U.S.A.)
:(703) 527-3887 (International)
1.5 Phone Number For Information :(800) 989-8826
1.6 Date Prepared :10/1/97

SECTION II - INGREDIENTS

Ingredients	CAS No.	Percentage	Expose Limits	Ref. *
Aromatic and aliphatic dimethacrylate monomers		91.26	N.D.	5
2, 6-di-terbutyl-p-cresol (BHT)	128-37-0	0.04	N.A.	5
n, n-hydroxyethyl-3, 4-dimethylaniline	62-53-3	2.40	10mg/M ³	2
Titanium dioxide (colloidal)	16463-67-7	0.90	N.A.	5
Silica (colloidal)		5.40	N.A.	5

*REFERENCES FOR EXPOSURE LIMITS: 1. Federal OSHA Permissible Exposure Limit. 2. ACGIH Threshold Limit Values TLV-TWA 3. NIOSH Exposure Limit Values 4. Chemical Manufacturers Recommended Guidelines 5. (NE = None Established, NA = Not Applicable, ND = Not Determined)

SECTION III - PHYSICAL PROPERTIES

3.1 Boiling Point :N.A.
3.2 Vapor Pressure :N.E.
3.3 Vapor Density :N.A.
3.4 Solubility in Water :N.A.
3.5 Appearance and Odor :White liquid, characteristic methacrylate. Liquid sealant forms an opaque polymerized film.
3.6 Specific Gravity :1.2
3.7 Melting/Freezing Point :N.A.
3.8 Evaporation Rate :N.A.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

4.1 Flash Point (Method used) :N.A.
4.2 Flammable (Explosive Limits) :N.D. **LEL:** N.D. **UEL:** N.D.
4.3 Extinguishing Media :Dry chemical foam, CO₂, dry chemical.
4.4 Special Fire Fighting Procedures/Equipment :Use protective gear. Use water fog to cool large containers exposed to fire in warehouse or manufacturing facilities.
4.5 Unusual Fire and Explosion Hazards :Material may burn if exposed to flame. Keep away from ignition sources.

SECTION V - HEALTH HAZARD DATA

5.1 Effects of Acute and Chronic Over Exposure:

EYES: May cause irritation upon contact.
SKIN: Avoid prolonged contact with the skin. Repeated contact may cause reddening and irritation.
INHALATION: N.A.
INGESTION: N.A.

5.2 Emergency and First Aid Procedures

EYES: Immediately flush eyes with copious quantities of water for 15 minutes; seek medical attention if irritation or discomfort persists.

SKIN: Wash skin with soap and water. Moisturizing cream may be used to prevent drying and cracking of skin.

INHALATION: N.A.

INGESTION: N.A.

5.3 Toxicity: LD₅₀, LC₅₀, etc.) > 5000 mg/kg

SECTION VI - REACTIVITY DATA

6.1 General Reactivity:

Unstable:

Stable: X

6.2 Conditions to Avoid (Stability): N.A.

6.3 Incompatibility (Materials to Avoid): None

6.4 Hazardous Decomposition or Byproducts: Unknown

6.5 Hazardous Polymerization: May occur (only in large quantities).

6.6 Conditions to Avoid (Polymerization): Elevated temperatures, contact with tertiary amine based compounds.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

7.1 Handling and Storage Precautions: Do not get into eyes, on skin or clothing. Keep containers closed when not in use. Shake bottles before using. Store away from ignition sources. Protect from high heat.

7.2 Other Precautions: None.

7.3 Steps to be Taken In Case Material is Released or Spilled: Absorb onto vermiculite or clay. Scoop up and dispose into acceptable containers.

7.4 Waste Disposal Procedures: Dispose in accordance with all applicable federal, state and local regulations for relatively non-toxic organics. Avoid conditions which may result in dispersion of streams or waterways.

7.5 Neutralizing Agent: N.A.

SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

8.1 Respiratory Protection

:None required.

8.2 Ventilation

:N.A.

8.3 Protective Gloves

:Yes, impervious.

8.4 Eye Protection

:Chemical splash goggles are recommended.

8.5 Other Protective Clothing or Equipment

:None

8.6 Work/Hygienic Practices

:Observe normal care when working with chemicals.

STUDIO 746 Desktop Checklist

STUDIO 746
1043 East Market Street
York, PA 17403-1154
Contact: Missie Cunningham
Phone: (717) 854-8617
Fax: (717) 854-8512

Date: Monday, September 23, 2002
Due Date & Time: N/A
Client Name: DENTSPLY Professional
Studio Job Number/Purchase Order: 2002-258
All disks and applications are Macintosh
Disk Name: Studio CD
Folder Name: 02-258 Delton LC/Opaque MSD.job
Folder Name: Images
Folder Name: Fonts
Folder Name: Reports

Output File Name:

02-258 Delton LC/Opaque MSDS

Application and version number: QuarkXpress 4.11

Laser Proofs provided: Yes @ 100%

Type of File: Application

Number of pages in document: 2

Output page number(s): 2

Page Size (live area inside crops): 4.125" x 6.75"

Cropmarks (include or exclude): N/A

Proof Output: N/A

Line Screen (LPI): 150

Resolution (DPI): 2400

Archive Files (yes or no):

Font List (Type One):

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Graphics List (include imported image):

Special Instructions:

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Contact: Missie Cunningham
Phone: (717) 854-8617
Fax: (717) 854-8512

MATERIAL SAFETY DATA SHEET

Cartridges & 2.7 ml Bottles

1.1 Product Trade Name: DELTON® PIT & FISSURE SEALANT - LIGHT CURE - OPAQUE

SECTION I

1.2 Company Name: :DENTSPLY Professional
1.3 Address :DENTSPLY International
York, PA 17404
1.4 Emergency Phone Number :Chemtrec (800) 424-9300 (U.S.A.)
(703) 527-3887 (International)
1.5 Phone Number For Information : (800) 989-8826
1.6 Date Prepared :10/1/97

SECTION II - INGREDIENTS

Ingredients	CAS No.	Percentage	Expose Limits	Ref. *
Aromatic and aliphatic dimethacrylate monomers		91.2	N.D.	5
Titanium dioxide (colloidal)	16463	1.50	N.A.	5
Silica (colloidal)		5.40	N.A.	5
Ethyl-p-dimethyl-aminobenzoate		1.00	N.A.	5
Light activators		>1.0	N.A.	5

*REFERENCES FOR EXPOSURE LIMITS: 1. Federal OSHA Permissible Exposure Limit. 2. ACGIH Threshold Limit Values TLV-TWA 3. NIOSH Exposure Limit Values 4. Chemical Manufacturers Recommended Guidelines 5. (NE = None Established, NA = Not Applicable, ND = Not Determined)

SECTION III - PHYSICAL PROPERTIES

3.1 Boiling Point :N.A.
3.2 Vapor Pressure :N.E.
3.3 Vapor Density :N.A.
3.4 Solubility in Water :N.A.
3.5 Appearance and Odor :White liquid, characteristic methacrylate odor. Liquid sealant forms an opaque polymerized film.
3.6 Specific Gravity :1.2
3.7 Melting/Freezing Point :N.A.
3.8 Evaporation Rate :N.A.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

4.1 Flash Point (Method used) :N.A.
4.2 Flammable (Explosive Limits) :N.D. **LEL:** N.D. **UEL:** N.D.
4.3 Extinguishing Media :Dry chemical foam, CO₂, dry chemical.
4.4 Special Fire Fighting Procedures/Equipment :Use protective gear. Use water fog to cool large containers exposed to fire in warehouse or manufacturing facilities.
4.5 Unusual Fire and Explosion Hazards :Material may burn if exposed to flame. Keep away from ignition sources.

SECTION V - HEALTH HAZARD DATA

5.1 Effects of Acute and Chronic Over Exposure:

EYES: May cause irritation upon contact.
SKIN: Avoid prolonged contact with the skin. Repeated contact may cause reddening and irritation.
INHALATION: N.A.
INGESTION: N.A.

5.2 Emergency and First Aid Procedures

EYES: Immediately flush eyes with copious quantities of water for 15 minutes; seek medical attention if irritation or discomfort persists.
SKIN: Wash skin with soap and water. Moisturizing cream may be used to prevent drying and cracking of skin.
INHALATION: N.A.
INGESTION: N.A.

5.3 Toxicity: LD₅₀, LC₅₀, etc.) > 5000 mg/kg

SECTION VI - REACTIVITY DATA

6.1 General Reactivity: **Unstable:** **Stable:** X
6.2 Conditions to Avoid (Stability): N.A.
6.3 Incompatibility (Materials to Avoid): None
6.4 Hazardous Decomposition or Byproducts: Unknown
6.5 Hazardous Polymerization: May occur (only in large quantities).
6.6 Conditions to Avoid (Polymerization): Elevated temperatures.

SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

7.1 Handling and Storage Precautions: Do not get into eyes, on skin or clothing. Keep in tightly closed containers. Shake bottle before using.
7.2 Other Precautions: None.
7.3 Steps to be Taken In Case Material is Released or Spilled: Absorb onto vermiculite or clay. Scoop up and dispose into acceptable containers.
7.4 Waste Disposal Procedures: Dispose in accordance with all applicable federal, state and local regulations for relatively non-toxic organics. Avoid conditions which may result in dispersion of streams or waterways.
7.5 Neutralizing Agent: N.A.

SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

8.1 Respiratory Protection :None required.
8.2 Ventilation :N.A.
8.3 Protective Gloves :Yes, impervious.
8.4 Eye Protection :Chemical splash goggles are recommended.
8.5 Other Protective Clothing or Equipment :None
8.6 Work/Hygienic Practices :Observe normal care when working with chemicals.

STUDIO 746 Desktop Checklist

STUDIO 746
1043 East Market Street
York, PA 17403-1154
Contact: Missie Cunningham
Phone: (717) 854-8617
Fax: (717) 854-8512

Date: Monday, September 23, 2002
Due Date & Time: N/A
Client Name: DENTSPLY Professional
Studio Job Number/Purchase Order: 2002-259
All disks and applications are Macintosh
Disk Name: Studio CD
Folder Name: 02-259 Delton FS+LC/TC/Op M.job
Folder Name: Art
Folder Name: Fonts
Folder Name: Reports

Output File Name:

02-259 Delton FS+LC/TC/Op MSDS

Application and version number: QuarkXpress 4.11

Laser Proofs provided: Yes @ 100%

Type of File: Application

Number of pages in document: 1

Output page number(s): 1 @ 100%

Page Size (live area inside crops): 9.25" X 6.375"

Cropmarks (include or exclude): N/A

Proof Output: N/A

Line Screen (LPI): 150

Resolution (DPI): 2400

Archive Files (yes or no): yes

Font List (Type One):

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Graphics List (include imported image):

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Contact: Missie Cunningham
Phone: (717) 854-8617
Fax: (717) 854-8512

MATERIAL SAFETY DATA SHEET

SECTION I - Product/Company Information

- 1.1 Product Trade Name:** DELTON® FS+ Pit & Fissure Sealant — Light Cure, Tooth Colored and Opaque
1.2 Division Name: DENTSPLY Professional
1.3 Address: 1301 Smile Way (P.O. Box 7807) York, PA 17404-0807
1.4 Emergency Phone Number: Chemtrek(800) 424-9300 (U.S.A.) (703) 527-3887 (International) (800) 989-8826
1.5 Phone Number For Information: 7:00 a.m. – 5:00 p.m. Eastern Standard Time
1.6 Date Prepared: 8/15/99

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV
Methacrylate monomer and elastomer	N.E.	N.E.

SECTION III - Physical/Chemical Characteristics

- 3.1 Boiling point:** N.A. **3.6 Specific Gravity:** Approx. 1.3g/cm³
3.2 Vapor pressure: N.A. **3.7 Melting Point** N.A.
3.3 Vapor density: N.A. **3.8 Evaporation rate:** N.E.
3.4 Solubility in water: Insoluble
3.5 Appearance and odor: Creamy paste with light acrylic odor.

SECTION IV - Fire and Explosion Hazard Data

- 4.1 Flash point (method used):** N.E.
4.2 Flammability (explosive limits): N.E. **LEL:** N.E. **UEL:** N.E.
4.3 Extinguishing media: CO₂ dry chemical and foam.
4.4 Special fire fighting procedures: Wear full protective clothing including self-contained respirator.
4.5 Unusual fire and explosion hazards: During a fire, irritating decomposition products may form.

SECTION V - Reactivity Data

- 5.1 Stability:** **Unstable:** **Stable:** X
5.2 Conditions to avoid (stability): Prolonged heat above 50°C (120°F) or daylight.
5.3 Incompatibility (materials to avoid): Oxidizers.
5.4 Hazardous decomposition or byproducts: Acid fumes, CO, CO₂.
5.5 Hazardous polymerization: **May occur:** **Will not occur:** X
5.6 Conditions to avoid (polymerization): Exposure to prolonged heat above 50°C (120°F) or daylight.

SECTION VI - Health Hazard Data

- 6.1 Route(s) of entry:** **Inhalation?:** Possible **Skin?:** Possible **Ingestion?:** Possible
6.2 Health hazards (acute and chronic): Eye contact may cause irritation and possible corneal damage. Individuals sensitive to acrylics may develop allergic response. Possible nausea on prolonged exposure.
6.3 Carcinogenicity **NTP?:** Not listed **IARC monographs?:** Not listed
OSHA regulated?: No
All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
6.4 Signs and symptoms of exposure: Eye contact: may cause irritation and possible corneal damage. Individuals sensitive to acrylics may develop allergic response.
6.5 Medical conditions generally aggravated by exposure: Open sores or wounds on skin. Known sensitization to acrylics.
6.6 Emergency first aid procedures: In case of eye contact, flush with flowing water for 15 minutes and get medical attention. Skin: Flush with flowing water for 15 minutes, then wash area with mild soap and water. Call physician.

SECTION VII - Precautions for Safe Handling and Use

- 7.1 Steps to be taken in case material is released or spilled:** Absorb with inert material such as sand, vermiculite, and transfer to a container.
7.2 Waste disposal methods: Dispose of in accordance with Federal, State and Local regulations.
7.3 Precautions to be taken in handling and storage: Do not expose to prolonged heat above 50°C (120°F) or direct daylight.
7.4 Other precautions: Keep away from foodstuffs. Keep away from flame and sparks. Keep out of reach of children. Observe normal warehouse handling procedures.

SECTION VIII - Control Measures

- 8.1 Respiratory protection:** None required during normal use of this product.
8.2 Ventilation: None required during normal use of this product.
8.3 Protective gloves: Latex or vinyl.
8.4 Eye protection: Safety glasses.
8.5 Other protective clothing or equipment: Wear gloves for clean-up operations.
8.6 Work/Hygienic practices Observe normal care when working with chemicals.

NFPA HAZARD CLASSIFICATIONS	
Health	1
Flammability	1
Reactivity	1
Specific Hazard	N.A.

N.F.P.A. – National Fire Protection Association
N.A. – Not Applicable
N.E. – Not Established
N.D. – Not Determined

DENTSPLY
PROFESSIONAL

Manufactured by:
DENTSPLY Professional
DENTSPLY International
1301 Smile Way
P.O. Box 7807
York, PA 17404-0807
Tel: 1-800-989-8826