

# Materials We Use

## Fissure Sealant

### UltraSeal XT® Plus

Light cure pit and fissure sealant

#### Composition/ Information on Ingredients:

Chemical Name	CAS	Wt. %
Diurethane Dimethacrylate	72869-86-4	<10
Bis GMA	1565-94-2	<20
2-Dimethylaminoethyl Methacrylate	2867-47-2	<1
Sodium Monofluorophosphate	10163-15-2	<1
Titanium Dioxide	13463-67-7	<1

## Fluoride Varnish

### Centrix Fluorodose®

Sodium fluoride cavity varnish

#### Composition/ Information on Ingredients:

Ingredients	CAS Number	% by WEIGHT
Colophony	8050-09-7	50 – 70
Ethanol	64-17-5	10 – 30
Sodium Fluoride	7681-49-4	1 – 10
Flavour	Unknown	1 – 5

## White Fillings

### Glass Ionomer

#### GC Fuji IX

#### Composition/ Information on Ingredients:

Ingredients	CAS Number	% by WEIGHT
Alumino Silicate Glass	Not listed	95
Polyacrylic Acid Powder	9003-01-4	5

## Composite

### GC Gaenial Posterior

#### Composition/ Information on Ingredients:

Ingredients	CAS Number	% by WEIGHT
Urethane Dimethacrylate	72869-86-4	10 – 15
Methacrylate	not listed	5 – 10
Silicon Dioxide	7631-86-9	1 – 5
Fluoro Alumino- Silicate Glass	not listed	45 – 50
Composite Filler	not listed	30 – 35
Pigment	not listed	< 1
Photo Initiator	not listed	< 1

## Temporary Material

### GC Fuji VII

#### Composition/ Information on Ingredients:

Ingredients	CAS Number	% by WEIGHT
Powder: Alumino-fluoro-silicate glass	Not listed	90-100
Liquid: Polyacrylic acid	Not listed	30-40
Proprietary ingredient		10-15

## Dentsply IRM

### Intermediate Restorative Material

- IRM Powder

#### Composition/ Information on Ingredients:

Ingredients	CAS No	% Weight
Zinc Oxide	1314 – 13 -2	50 - 100

Hazardous Components	CAS No	%
Zinc Oxide	1314-13-2	>than 75

- IRM liquid

#### Composition/ Information on Ingredients:

Ingredients	CAS No	% Weight
Eugenol	97-53-0	>50

## Amalgam Filling

### SDI Permite C

#### Composition/ Information on Ingredients:

Ingredients	% Weight
Ag	56
Sn	27.9
Cu	15.4
In	0.5
Zn	0.2
Hg	47.9

Hazardous Ingredients	CAS	% Weight
Mercury, metallic (40-50% of total product )	7439-97-6	100

#### Physical properties:

## Stainless Steel Crown

#### Composition / Information on Ingredients:

Ingredients	CAS	% by Weight
Stainless Steel (includes Nickel and Chromium)	12597-68-1	100

## SSC Luting Cement

### Fuji Plus

Reinforced glass ionomer cement

#### Liquid Component: Hazardous ingredients/identity information:

Component	CAS	%
Distilled Water	7732-18-5	20 – 30
Polyacrylic Acid	9003-01-4	20 - 30
2-Hydroxyethylmethacrylate	868-77-9	25 - 35
Urethanedimethacrylate	72869-86-4	5 - 10

#### Powder Component: Hazardous ingredients/identity information:

Component	CAS	%
Alumino – Silicate Glass	Not Listed	95 - 100

## Local Anaesthetic

### Xylestesin™-A

Anhydrous Lignocaine Hydrochloride 20mg (R)-Adrenaline Hydrochloride 0.015mg (equivalent to 0.0125mg base) Solution for injection (local anaesthetic for dentistry)

#### Composition (1 ml solution for injection):

##### Active ingredients:

Anhydrous Lignocaine Hydrochloride 20 mg  
(R)-Adrenaline Hydrochloride 0.015 mg (equivalent to 0.0125 mg base)

##### Other ingredients:

Anhydrous Sodium Sulphite 0.6 mg (equivalent to 0.31 mg SO<sub>2</sub>)  
Sodium Chloride  
Water for injections

### Ubistesin™

#### Composition (1 ml solution for injection):

##### Active ingredients:

Articaine hydrochloride 40 mg ( 4%)  
Adrenaline hydrochloride 0.006 mg (corresponding to 5 µg adrenaline (1/200 000

##### Other ingredients:

Sodium sulphite max. 0.6 mg (equivalent to max. 0.31 mg SO<sub>2</sub>)  
Sodium chloride, Water, Hydrochloric acid and sodium hydroxide solution for adjusting pH-value.