

In accordance with the Dangerous Substances Act of 1<sup>st</sup> November 1993 (91/155/EWG) EU Safety Data Sheets are provided for dangerous substances and preparations. The product mentioned herein is a non dangerous substance. The provision of the data is not based on the guidelines 91/155/EWG and is solely for informative purposes.

Date of issue: 25.08.2014

Supersedes version of: 21.09.2011

## 1. Product and Company Information

1.1	Common name:	Root canal filling material
	Commercial name:	<b>GuttaFlow<sup>®</sup> 2 / GuttaFlow<sup>®</sup> 2 FAST GuttaFlow<sup>®</sup> / GuttaFlow<sup>®</sup> FAST</b>
1.2	Manufacturer:	Coltène/Whaledent GmbH + Co. KG Raiffeisenstr. 30 D-89129 Langenau / Germany Telefon: ++49-7345-805-0 Telefax: ++49-7345-805-201

## 2. Composition and Information on Ingredients

2.1	Components:	Zirconium dioxide Siloxanes Guttapercha Zinc oxide mixture Micro-silver (preservative) Platinum catalyst Colouring
	Chemical description:	None
2.2	Hazardous constituents:	None

## 3. Possible Hazards

3.1	Hazards identification:	Not applicable
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## 4. First Aid Measures

4.1	General instructions:	
4.2	Inhalation:	
4.3	Skin contact:	Rinse with plenty of H <sub>2</sub> O and soap
4.4	Eye contact:	Rinse with plenty of H <sub>2</sub> O and consult a doctor
4.5	Ingestion:	Seek medical advice immediately
4.6	Instructions to the Doctor:	

## 5. Fire and Explosion Data

5.1	Recommended fire fighting media:	CO <sub>2</sub> , H <sub>2</sub> O
5.2	Proscribed fire fighting media:	None
5.3	Dangerous products of combustion:	None
5.4	Special protective gear:	None
5.5	Additional instructions:	None

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### 6. Accidental Release Measures

6.1	Personal safety measures:	None
6.2	Environmental safety measures:	No negative ecological effects known
6.3	Clean-up procedure:	Wipe out with absorbent material
6.4	Additional instructions:	None

### 7. Storage and Handling

7.1	Handling:	For professional dental use only
7.2	Storage:	Avoid direct sunlight. Store in a cool place, store away from food.

### 8. Exposure Controls / Personal Protection

8.1	Engineering controls:	None
8.2	Components with specific tolerances:	Contains no relevant quantities of components with limits of values to be supervised at the workplace.
8.3	Personal protection:	Normal hygienic measures

### 9. Physical and Chemical Properties

9.1	Form:	Paste
	Color:	Dark Pink /Orange
	Odour:	Odorless
9.2	Volatility:	Not applicable for prescribed use
9.3	Melting point:	Not applicable
9.4	Auto-ignition temperature:	Not applicable
9.5	Danger of explosion:	Not applicable
9.6	Flash point:	Not applicable
9.7	Density at 20 °C:	1,80 g/m <sup>3</sup>
9.8	Solubility in water at 20 °C:	Slightly soluble in toluene or petrol ether
9.9	pH:	Neutral
9.10	Viscosity:	Ca. 30 Pas
9.11	Critical temperature:	Not applicable
9.12	Thermal decomposition:	Not applicable
9.13	Additional information:	None

### 10. Stability and Reactivity Data

10.1	Conditions to avoid:	Little formation of hydrogen by contact with acids, bases, alcohols, powdered metals and metal oxides.
10.2	Substances to avoid:	
10.3	Dangerous decomposition products:	
10.4	Additional information:	None

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### 11. Toxicological Information

11.1	Acute toxicity:	No toxic characteristics known for the whole product
11.2	Chronic toxicity:	None

### 12. Ecological Information

12.1	Information for elimination:	
12.2	Behaviour in environmental compartments:	
12.3	Ecotoxicity:	None
12.4	Additional ecological Information:	Causes no damage as far as known

### 13. Disposal Considerations

13.1	Product:	Use proper landfill disposal or incineration in accordance with local, state and federal regulations.
13.2	Packing:	Consult regional or local authorities.

### 14. Transport Information

	Dangerous goods:	No dangerous goods according to regulations. Store away from food, acids and bases.
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### 15. Regulations

15.1	Marking:	No classification necessary
15.2	National regulations:	None

### 16. Other Information

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This information is based on our present state knowledge and cannot be considered as warranted quality features in legal sense. Legal regulations have to be considered on personal responsibility.