



MATERIAL SAFETY DATA SHEET
BonaFit CARBON FIBER POSTS
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BonaDent GmbH, Dental-Produkte
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1) Product and company identification	Product Name: BonaFit Carbonfaser-Wurzelstift Manufacturer: BonaDent GmbH, Berner Str. 28, 60437 Frankfurt Phone ++49(69) 586 07 39 0 / Fax ++49 (69) 586 07 39 31
2) Composition / information on ingredients	Ingredient : Carbon fiber and epoxy resin. Concentration range (%): 100
3) Hazards identification	Does not contain any dangerous substance.
4) First aid measures a) Inhalation b) Skin contact c) Eye contact d) Ingestion	a) Consult a medical professional b) Not applicable c) Only mechanical effects. d) Seek to medical attention if a substantial amount has been ingested.
5) Fire - fighting measures a) Fire - fighting media b) Fire and explosion risk	a) Dry chemical powder, foam or carbon dioxide. b) Upon combustion, irritating gases may form.
6) Fire - accidental release measures a) Personal precautions b) Environmental precautions c) Methods for cleaning up	a) Not applicable b) Not applicable c) Discard properly
7) Handling and storage	This product is used exclusively for dental purposes by trained personnel.
8) Exposure controls / personal protection a) Eye protection b) Hand protection c) Skin protection	a) Safety glasses and surgical face mask b) Use protective gloves. c) Use any necessary hygiene measures.
9) Physical and chemical properties a) Appearance b) Color c) Odor d) Boiling Point / Range e) Solubility (H ₂ O, fat) f) Melting Point / Range g) Flash Point h) Conductivity i) Explosive Properties l) Oxidizing Properties m) Miscibility n) Vapor Density o) Ph p) Evaporation rate q) Viscosity r) Partition coefficient s) Autoflammability t) Partition Coefficient u) Autoflammability v) Vapor pressure 20° C	a) Small diameter (<2mm) b) Black c) Not applicable d) Not applicable e) Not applicable f) Not applicable g) Not applicable h) Not applicable i) Not applicable l) Not applicable m) Not applicable n) Not applicable o) Not applicable p) Not applicable q) Not applicable r) Not applicable s) Not applicable t) Not applicable u) Not applicable v) Not applicable
10) Stability and reactivity	Not applicable
11) Toxicological information a) Eye contact b) Skin contact c) Sensitization	a) Not applicable b) Not applicable c) May cause allergic reaction on contact with the skin.
12) Ecological information	Not applicable
13) Disposal considerations	Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste.
14) Transport information	No special precautions.
15) Regulatory information a) Classification b) Safety	a) Not applicable. b) Refer to any applicable National laws.
16) Other information	None in particular.



MATERIAL SAFETY DATA SHEET

BonaFit GLASS FIBER POSTS

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1) Product and company identification	Product Name: BonaFit Glasfaserwurzelstift Manufacturer: BonaDent GmbH, Berner Str. 28, 60437 Frankfurt
2) Composition/information on ingredients	Ingredient : Glass fiber and epoxy resin Concentration range (%): 100
3) Hazards identification	Does not contain any dangerous substance
4) First aid measures a) Inhalation b) Skin contact c) Eye contact d) Ingestion	a) Consult a medical professional b) Not applicable c) Only mechanical effects d) Seek to medical attention if a substantial amount has been ingested
5) Fire - fighting measures a) Fire - fighting media b) Fire and explosion risk	a) Dry chemical powder, foam or carbon dioxide b) Upon combustion, irritating gases may form
6) Accidental release measures a) Personal precautions b) Environmental precautions c) Methods for cleaning up	a) Not applicable b) Not applicable c) Discard properly
7) Handling and storage	This product is used exclusively for dental purposes by trained personnel
8) Exposure controls / personal protection a) Eye protection b) Hand protection c) Skin protection	a) Safety glasses and surgical face mask b) Use protective gloves c) Use any necessary hygiene measures
9) Physical and chemical properties a) Appearance b) Color c) Odor d) Boiling Point / Range e) Solubility (H ₂ O, fat) f) Melting Point / Range g) Flash Point h) Conductivity i) Explosive Properties l) Oxidizing Properties m) Miscibility n) Vapor Density o) Ph p) Evaporation rate q) Viscosity r) Partition coefficient s) Autoflammability t) Partition Coefficient u) Flammability v) Vapor pressure 20° C	a) Small diameter (< 2 mm.) b) Ivory c) Not applicable d) Not applicable e) Not applicable f) Not applicable g) Not applicable h) Not applicable i) Not applicable l) Not applicable m) Not applicable n) Not applicable o) Not applicable p) Not applicable q) Not applicable r) Not applicable s) Not applicable t) Not applicable u) Not applicable v) Not applicable
10) Stability and reactivity	Not applicable
11) Toxicological information a) Eye contact b) Skin contact c) Sensitization	a) Not applicable b) Not applicable c) May cause allergic reaction on contact with the skin
12) Ecological information	Not applicable
13) Disposal considerations	Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste
14) Transport information	No special precautions.
15) Regulatory information a) Classification b) Safety	a) Medical Device Class IIa according Directive 93/42/CEE. b) Refer to any applicable National laws
16) Other information	Posts are for use by dental professionals only.



MATERIAL SAFETY DATA
SHEET

**BonaFit transluzent
Glasfiber posts**

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BonaDent GmbH, Dental-Produkte

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1) Product and company identification	Product Name: BonaFit transluzent Manufacturer: BonaDent GmbH, Berner Str. 28, D-60437 Frankfurt
2) Composition/information on ingredients	Ingredient : Glass fiber and resin. Concentration range (%): 100
3) Hazards identification	Does not contain any dangerous substance.
4) First aid measures a) Inhalation b) Skin contact c) Eye contact d) Ingestion	a) Consult a medical professional b) Not applicable c) Only mechanical effects. d) Seek to medical attention if a substantial amount has been ingested.
5) Fire - fighting measures a) Fire - fighting media b) Fire and explosion risk	a) Dry chemical powder, foam or carbon dioxide. b) Upon combustion, irritating gases may form.
6) Accidental release measures a) Personal precautions b) Environmental precautions c) Methods for cleaning up	a) Not applicable b) Not applicable c) Discard properly
7) Handling and storage	This product is used exclusively for dental purposes by trained personnel.
8) Exposure controls / personal protection a) Eye protection b) Hand protection c) Skin protection	a) Safety glasses and surgical face mask b) Use protective gloves. c) Use any necessary hygiene measures.
9) Physical and chemical properties a) Appearance b) Colour c) Odour d) Boiling Point / Range e) Solubility (H ₂ O, fat) f) Melting Point / Range g) Flash Point h) Conductivity i) Explosive Properties l) Oxidizing Properties m) Miscibility n) Vapor Density o) Ph p) Evaporation rate q) Viscosity r) Partition coefficient s) Autoflammability t) Partition Coefficient u) Flammability v) Vapour pressure 20° C	a) Small diameter (< 2mm) b) Traslucent c) Not applicable d) Not applicable e) Not applicable f) Not applicable g) Not applicable h) Not applicable i) Not applicable l) Not applicable m) Not applicable n) Not applicable o) Not applicable p) Not applicable q) Not applicable r) Not applicable s) Not applicable t) Not applicable u) Not applicable v) Not applicable
10) Stability and reactivity	Not applicable
11) Toxicological information a) Eye contact b) Skin contact c) Sensitization	a) Not applicable b) Not applicable c) May cause allergic reaction on contact with the skin.
12) Ecological information	Not applicable
13) Disposal considerations	Refer to any Community provisions relating to waste. In their absence, refer to National or Regional provisions relating to waste.
14) Transport information	No special precautions.
15) Regulatory information a) Classification b) Safety	a) Not applicable. b) Refer to any applicable National laws.
16) Other information	None in particular.



MATERIAL SAFETY DATA
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BonaFit Reamer

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1. Product: BonaFit Reamer Endodontic drills.

2. Material:

Stainless steel according ISO 7153 -1 (surgical instruments - metallic materials).

Composition:

C 0,43 - 0,50 % Si max 1,00 % Mn max 1,00 % P max 0,045 % S max 0,030 %
Cr 12,50 - 14,50 Balance: Fe

3. Warning information:

Possible danger to human being and environment are none known, provided appropriate storage and handling. Material is according ISO 7153 - 1 (surgical instruments - metallic materials).

Hygiene measures and sterilisation methods:

Sterilisation by autoclave or hot air before initial use.

4. First-aid measurements:

Usual appropriate measurements.

5. Measures for fire extinction:

Fire can be extinguished by usual appropriate means.

6. Measures in case of unintentional destruction: No special requirements.

7. Storage: In original packaging (plastic bag or box), in dry condition.

8. Exposure and personal protection:

Up to now, concerning this product no unwanted side effects became known to us.

Unwanted side effects are very rarely to be expected by appropriate treatment and application. However in general immune reactions (such as for example allergies) can be never entirely excluded.

In case of hypersensitivity of the patient to one of the components, this medical product is to be used under the latitude and the medical supervision of the attending dentist. The dentist has to consider, while using this medical product, the known cross-reactions or interactions of the medical product with other medical products or materials, already applied in the mouth.

9. Physical and chemical properties:

Condition: solid

Odour: none

Ph value: not applicable

Colour: metallic

Viscosity: not applicable

Water - soluble: insoluble

10. Stability and reactivity:

Dangerous reactions are unknown. Stable and not reactive under appropriate storage.

11. Information on toxicology:

Material according ISO 7153-1 (surgical instruments-metallic materials). Cytotoxic effects are unknown.

12. Information on ecology: Damaging effects are unknown.

13. Information about disposal:

Can be removed together with common trash inline with public regulations.

14. Transport information:

No special requirements with respect to transport regulations.

15. Regulations:

Drills are a class IIa Medical Devices according to Directive EEC 93/42.

16. Others:

The above mentioned information are based on our latest knowledge and describes the product as for safety aspects without assuring technical properties and features.

Existing law and regulations must be observed by the user its own responsibility.

According to the European Directive EEC 93/42, these Medical Devices may only be used by the dentist himself or by instructed, special qualified staff.