

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: BIODENTINE LIQUID.

Product code: RD94-B.

Company/undertaking identification:

Registered company name: SEPTODONT.

Address: 58 rue du Pont de Creteil.94100.Saint Maur des Fosses.France.

Telephone: +33(0)149767000. Fax: +33(0)148855401.

msds@septodont.com

http://www.septodont.com

Emergency telephone: +33(0)1.45.42.59.59.

Association/Organisation: ORFILA .

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

Other data:

Packaging < 125 ml.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

No known substance in this category present.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

5 - FIRE-FIGHTING MEASURES

Not relevant.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Fire prevention:

Prevent access by unauthorised personnel.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Personnel shall wear regularly laundered overalls.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not specified.

Flash point interval: not stated.

Vapour pressure: not relevant.

Density: not stated.

Water solubility: Dilutable.

Other information:

melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

Classification on the basis of toxicological properties:

Ocular lesions:	Cornea opacity < 2
Ocular lesions:	Iris lesion < 1

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.
This product is not classed as flammable.
Packaging < 125 ml.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: BIODENTINE POWDER.

Product code: RD94-A.

Company/undertaking identification:

Registered company name: SEPTODONT.

Address: 58 rue du Pont de Creteil.94100.Saint Maur des Fosses.France.

Telephone: +33(0)149767000. Fax: +33(0)148855401.

msds@septodont.com

http://www.septodont.com

Emergency telephone: +33(0)1.45.42.59.59.

Association/Organisation: ORFILA .

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

Other data:

Packaging < 125 ml.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb.	R:	%
10808100	471-34-1	207-439-9	CALCIUM CARBONATE			10 <= x % < 25

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

5 - FIRE-FIGHTING MEASURES

Not relevant.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Prevent any material from entering drains or waterways.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Fire prevention:

Prevent access by unauthorised personnel.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Personnel shall wear regularly laundered overalls.

Exposure limit values (2003-2006):

UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
471-34-1	10 mg/m ³	-	-	-	TI
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
471-34-1	4 mg/m ³	-	-	-	R
471-34-1	10 mg/m ³	-	-	-	TI
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
471-34-1	10 mg/m ³	-	-	-	-

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: powder or dust

Important health, safety and environmental information:

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not specified.

Flash point interval: not stated.

Vapour pressure: not relevant.

Density: not stated.

Water solubility: Soluble.

Other information:

melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

No data is available regarding the preparation itself.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

Packaging < 125 ml.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: PROJEL

MANUFACTURER: CONFI-DENTAL PRODUCTS CO.

ADDRESS: 416 SOUTH TAYLOR AVENUE
LOUISVILLE, COLORADO 80027

FOR INFORMATION CALL: (303) 665-7535 **CHEMTREC:** (800) 424-9300

DATE PREPARED: OCTOBER 29, 2008

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV	%(OPTIONAL)
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BENZOCAINE

IDENTITY INFORMATION

POLYETHYLENE GLYCOL 300
POLYETHYLENE GLYCOL 4500
FLAVORING AGENT
SODIUM SACCHARINE

SECTION III - PHYSICAL DATA

BOILING POINT: NA

SPECIFIC GRAVITY (H₂O = 1): NO DATA

VAPOR PRESSURE (mm Hg): NA

MELTING POINT: NO DATA

VAPOR DENSITY (AIR=1): NA

EVAPORATION RATE: NA
(BUTYL ACETATE = 1)

SOLUBILITY IN WATER: SLIGHTLY SOLUBLE

APPEARANCE AND ODOR: GEL WITH CHARACTERISTIC ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: ND

FLAMMABLE LIMIT

LEL: NA

UEL: NA

EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER SPRAY FOR LARGE FIRES.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL IS UNLIKELY TO SUPPORT COMBUSTION. TOXIC FUMES MAY BE EMITTED IF COMBUSTION OCCURS.

SECTION V - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY - INHALATION: N/A

SKIN: POSSIBLE

INGESTION: POSSIBLE

HEALTH HAZARD (ACUTE OR CHRONIC): **ACUTE:** CONTACT MAY CAUSE IRRITATION
CHRONIC: NONE KNOWN

CARCINOGENICITY: NONE **NTP?** **IARC MONOGRAPHS?** **OSHA REGULATED?**

SIGNS OR SYMPTOMS OF EXPOSURE: DO NOT USE IF SWELLING, RASH OR FEVER DEVELOPS. DISCONTINUE USE IF IRRITATION, PAIN OR REDNESS PERSISTS OR WORSENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ALLERGIC REACTIONS MAY OCCUR. DISCONTINUE USE AND SEEK MEDICAL ATTENTION IF REQUIRED

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: REMOVE TO FRESH AIR, SEEK MEDICAL ATTENTION

EYES: WASH WITH COPIOUS AMOUNT OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION OR LOCAL POISON CONTROL IF IRRITATION DEVELOPS.

SKIN: WASH THOROUGHLY WITH SOAP AND WITH COPIOUS AMOUNT OF WATER FOR 15 MINUTES.

INGESTION: RINSE MOUTH. DO NOT INDUCE VOMITING. CONTACT A MEDICAL PROFESSIONAL OR LOCAL POISON CONTROL CENTER IMMEDIATELY

SECTION VI - REACTIVITY DATA

STABILITY: **UNSTABLE:** **STABLE:** XXX

CONDITIONS TO AVOID: HEAT SOURCES

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, STRONG ACIDS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: TOXIC FUMES MAY BE EMITTED IF BURNED

HAZARDOUS POLYMERIZATION: **MAY OCCUR:** **WILL NOT OCCUR:** XXX

CONDITIONS TO AVOID: NONE

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR PROTECTIVE CLOTHING. USE ABSORBENT MATERIAL (SAWDUST, PAPER, VERMICULITE) AND MOP OR BROOM TO PLACE MATERIAL INTO CONTAINERS FOR DISPOAL. RINSE RESIDUE WITH WATER.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE UNDER AMBIENT CONDITIONS. KEEP OUT OF REACH OF CHILDREN. NO SPECIAL HANDLING REQUIRED.

OTHER PRECAUTIONS: AVOID CONTACT WITH EYES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE REQUIRED UNDER NORMAL USE.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NA

VENTILATION - LOCAL EXHAUST: IF NEEDED, USE LOCAL EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATIONS BELOW THE TLV

SPECIAL:

MECHANICAL (GENERAL): NA

OTHER:

PROTECTIVE GLOVES: LATEX GLOVES SUITABLE

EYE PROTECTION: WEAR SAFETY GLASSES

SECTION X - ADDITIONAL INFORMATION

INFORMATION HEREIN IS GIVEN IN GOOD FAITH AS AUTHORATIVE AND VALID. HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED CAN BE MADE, AND THE MANUFACTURER ASSUMES NO LIABILITY RESULTING FROM ITS USE.
