

SAFETY DATA SHEETS

This SDS packet was issued with item:

077183304

N/A

PSI (Base)

Revision date : 05.05.2010

Print date : 24.06.2010

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1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

PSI (Base)

Use of the substance/preparation

for dental use only

Company/undertaking identification

Company name : Coltène/Whaledent AG
Street : Feldwiesenstrasse 20
Place : CH-9450 Altstätten
Telephone : +41 (71) 75 75 300
Telefax : +41 (71) 75 75 301
e-mail : info@coltenewhaledent.ch
Internet : www.coltenewhaledent.com

Further Information

Only supplied to dentists and dental laboratories or upon their instructions

2. Hazards identification**Classification**

The preparation is not dangerous in the sense of Directive 1999/45/EC.
Preparation/mixture without hazards for human health or environment

3. Composition/information on ingredients**Chemical characterization (Mixture)**

Polymer preparations and compounds

4. First aid measures**General information**

No special measures are necessary.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

5. Fire-fighting measures**Suitable extinguishing media**Water. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.**Additional information**

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures**Environmental precautions**

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated area thoroughly.

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7. Handling and storage**Handling****Advice on safe handling**

No special precautionary measures are necessary.

Storage**Further information on storage conditions**

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Recommended storage temperature: 15 - 23 °C

8. Exposure controls/personal protection**Exposure limit values****Exposure controls****Protective and hygiene measures**

When using do not eat, drink or smoke.

Hand protection

Single-use gloves.

Unsuitable materials: NR (Natural rubber (Caoutchouc), Natural latex).

9. Physical and chemical properties**General information**

Physical state : Paste

Colour :

Important health, safety and environmental information

Test method

Changes in the physical state

Boiling point :

>150 °C

Water solubility (at 23 °C) :

insoluble

Solubility in other solvents :

ketone.

10. Stability and reactivity**Additional information**

No special measures are necessary.

11. Toxicological information**Acute toxicity**

LD50: >2000 mg/kg (Rat.)

The statement is derived from products of similar composition.

Corrosive and irritant effects

Irritant effect on the skin: (Rabbit.)

Not an irritant.

The statement is derived from products of similar composition.

Sensitising effects

Guinea-pig.

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no danger of sensitization.

The statement is derived from products of similar composition.

12. Ecological information**13. Disposal considerations****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

14. Transport information**Further Information**

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information**Labelling****Hazardous component(s) to be indicated on label**

Product does not require special labelling according to Directive 67/548/EEC.

National regulatory information**16. Other information****Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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Print date : 08.06.2010

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1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

PSI Catalyst

Use of the substance/preparation

Activator.

Company/undertaking identification

Company name : Coltène/Whaledent AG
Street : Feldwiesenstrasse 20
Place : CH-9450 Altstätten
Telephone : +41 (71) 75 75 300
Telefax : +41 (71) 75 75 301
e-mail : info@coltenewhaledent.ch
Internet : www.coltenewhaledent.com

Further Information

Only supplied to dentists and dental laboratories or upon their instructions

2. Hazards identification**Classification**

Indications of danger : Harmful, Irritant

R-phrases :

Flammable.

Risk of serious damage to eyes.

Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

May cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
		Alkyl silicates	20 - 25 %	Xn, Xi R10-20-37/38-41-48/22-53
		Diocetyl tin dicarboxylate	5 - 10 %	Xn R48/22-53

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures**After contact with skin**

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Seek medical attention if problems persist.

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5. Fire-fighting measures**Suitable extinguishing media**Water. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.**Additional information**

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures**Environmental precautions**

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated area thoroughly.

7. Handling and storage**Handling****Advice on safe handling**

Avoid contact with skin and eyes.

Further information on handling

After use replace the closing cap immediately.

Storage**Further information on storage conditions**

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Recommended storage temperature: 15 - 23 °C

8. Exposure controls/personal protection**Exposure limit values****Exposure controls****Protective and hygiene measures**

When using do not eat, drink or smoke.

Hand protection

Single-use gloves.

Eye protection

Framed glasses.

Skin protection

Lab apron.

9. Physical and chemical properties**General information**

Physical state :	Paste
Colour :	green
Odour :	characteristic

Important health, safety and environmental information

Test method

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Changes in the physical state

Boiling point :	>150 °C
Density (at 23 °C) :	1.0 g/cm ³
Water solubility (at 23 °C) :	insoluble
Solubility in other solvents :	ketone.

10. Stability and reactivity**Conditions to avoid**

Air, humid.

Additional information

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

11. Toxicological information**Acute toxicity**

LD50: >2000 mg/kg (Rat.)

The statement is derived from products of similar composition.

Corrosive and irritant effects

Irritant effect on the skin: (Rabbit.)

Not an irritant.

The statement is derived from products of similar composition.

Sensitising effects

Guinea-pig.

no danger of sensitization.

The statement is derived from products of similar composition.

12. Ecological information**Further information**

May cause long-term adverse effects in the aquatic environment.

Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations**Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

14. Transport information**Further Information**

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information**Labelling**

Danger symbols : Xn - Harmful

Hazardous component(s) to be indicated on label

Alkyl silicates

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R phrases

- 10 Flammable.
- 41 Risk of serious damage to eyes.
- 48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
- 53 May cause long-term adverse effects in the aquatic environment.

S phrases

- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 61 Avoid release to the environment. Refer to special instructions / Safety data sheets.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

National regulatory information**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

- 10 Flammable.
- 20 Harmful by inhalation.
- 37/38 Irritating to respiratory system and skin.
- 41 Risk of serious damage to eyes.
- 48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
- 48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
- 53 May cause long-term adverse effects in the aquatic environment.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

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