

Product: CAV HYCAL

SDS No. 213826

Created on: 20/09/2004

Updated on: 10/10/2012

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 PRODUCT identification

CAV HYCAL

1.2 Relevant use of mixture

Light curing calcium hydroxide cavity liner

1.3 Information concerning safety data sheet supplier

PRODUITS DENTAIRE PIERRE ROLLAND

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2. HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

In conformity with the directives 67/548/EEC, 1999/45/EC and adaptations of them

Irritating

R36 : Irritating to eyes

R43 : May cause sensitization by skin contact.

Symbol(s)



Xi

Indication(s) of danger

Irritating

Risk phrase(s)

R36 : Irritating to eyes

R43 : May cause sensitization by skin contact

Safety advices

S24 : Avoid contact with skin

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Contains

2-dimethylaminoethyl metacrylate

2.3 Other hazards

Not available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature

Paste

Chemical name (Concentration %)				
CAS Nb	EC Nb	Index	Classification 67/548/EEC	Classification 1272/2008/CE (CLP)
Calcium hydroxide (2.5-5%)				
1305-62-0	215-137-3	/	Xi ; R37/38- R41	Skin irrit 2(H317) Eye Dam 1(H318)
2-dimethylaminoethyl metacrylate (1-2.5%)				
2867-47-2	220-688-8	607-132-00-3	Xn,Xi ; R21/22 - R36/38-R43	Acute tox.4 H302 Acute tox.4 H332 Skin Irrit.2 H315 Skin sens 1 H317 Eye Irrit 2 H319
Urethanedimethacrylate (25-50%)				
72869-86-4	276-957-5	-	R52/53	Aquatic Chronic H412

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4. FIRST AID MEASURES

4.1 Description of the first aid measures

Inhalation	Remove to fresh air. In case of unconsciousness place patient stably in side position for transportation. Seek medical advice.
Contact with skin	Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, seek medical attention.
Contact with eyes	Irrigate copiously with clean, fresh water at least 15 minutes keeping the eyelids opened. Seek medical advice.
Ingestion	Get medical attention if symptoms appear.

4.2 Most important symptoms and effects, both acute and delayed Not available

4.3 Indications of possible immediate medical attention and particular treatment needed Not available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide, powder, foam

5.2 Special hazards resulting from substance or mixture Toxic gases can be involved under fire conditions: carbon monoxide and carbon dioxide.

5.3 Advice to firefighters Use self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 Individual precautions, protection equipment and emergency procedures

Basic precautions Wear gloves and suitable goggles. Do not breathe vapours. Eliminate all ignition sources.

Means of protection Consult section 8.

6.2 Environmental precautions Do not dump into drains.

6.3 Methods and material of confinement and cleaning up

Absorb with an inert material (sand, vermiculite). Wash the soiled area with water

6.4 Reference to other sections

Consult section 8 for personal protection

Consult section 13 for disposal conditions

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep out of reach of children. Avoid contact with skin and eyes.

Do not swallow. Wash your hands thoroughly after handling.

Wash soiled clothing before reuse. Comply with conditions of use.

7.2 Conditions for safe storage, including any incompatibilities

Conditions of storage Keep the product in its original pack, tightly closed and protected from exposure to light.

Keep in a cool place at a temperature between 5 - 25°C.

7.3 Special end use(s) Product for professional dental use

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters Contains no substances with occupational exposure limit values

8.2 Exposure controls

Respiratory protection	Not necessary in normal use.
Hand protection	Wear appropriate gloves.
Eye/face protection	Wear protective goggles.
Skin and body protection	Wear safety clothing. Wash hands after use Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Paste
Color	White
Odour	None
pH at 20 °C	9
Relative density at 20 °C	Not available

10. STABILITY AND REACTIVITY

10.1 Reactivity	Not available
10.2 Chemical stability	Chemically stable under normal conditions of use.
10.3 Possibility of hazardous reactions	No hazardous reactions are foreseeable in normal condition of use and storage.
10.4 Conditions to avoid	Light, heat.
10.5 Incompatible materials	Not available
10.6 Hazardous decomposition products	Not available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - skin contact	Not irritating
Contact with skin	Not available
Contact with eyes	Irritating to eyes
Sensitization	May cause sensitization by skin contact

12. ECOLOGICAL INFORMATION

12.1 Toxicity	Not available
12.2 Persistence and degradability	Not available
12.3 Bioaccumulation potential	Not available
12.4 Mobility in the soil	Not available
12.5 Results of PBT and vPvB assessments	Not available
12.6 Other adverse effects	Not available

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Do not dump residue into drain. The chemicals must be eliminated in keeping with applicable regulations.
Packaging of chemical products must be eliminated in keeping with applicable regulations.

14. TRANSPORT INFORMATION

The product is not a hazardous product according to the regulations applicable to transport

15. REGULATORY INFORMATION

15.1 Special regulations/legislation for substance or mixture in terms of safety, health and environment

Conforming to the EC regulation n ° 1272/2008 of the European Parliament and of the Council of 16 December 2008 concerning the classification and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 199/45/CE and amending the Regulation EC No. 1907/2006

15.2 Chemical safety evaluation Not available

16. OTHER INFORMATION

Successive modifications:

Version 1 of 20/09/2004 : Created

Version 2 of 10/10/2012 : Changes according to CLP 1272/2008/EC

Abbreviations:

H302 : Harmful if swallowed
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
H315 : Causes skin irritation
H318 : Causes serious eye damage
H332 : Harmful if inhaled
H412 : Harmful to aquatic life with long lasting effects.
R21/22 : Harmful in contact with skin and if swallowed.
R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact
R37/38 : Irritating to respiratory system and skin.
R36/38 : Irritating to eyes and skin
R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Xi : Irritating
X : Harmful

Recommended restrictions on use

CAUTION: Product intended exclusively for professional dental use

Other information

This sheet complements the technical sheets but does not replace them.

The information that is contained herein is based on the state of our knowledge related to the product concerned at the date of issue and is given in good faith. Moreover, the user's attention is drawn to the possible risks incurred by using the product for any other use than that for which it was intended.

With the present, the user is not dispensed to know and to apply the whole regulating text of activity. He should be responsible for all precautions relating to the use of his product.

The whole regulation prescription mentioned is simply to help the user to fulfill the obligations in the use of hazardous product. This enumeration must not be considered as exhaustive. The user is not exempted to secure than those cited concerning the detention and the manipulation of product for which he is alone responsible.

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