

MATERIAL SAFETY DATA SHEET

according to the standard ISO 11014-1

Product name: PROVISCCELL, base
MSDS n° 087A Version: 01

Date: 08/01/98 (Still Current May 31, 2004)

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **PROVISCCELL, BASE**

DISTRIBUTOR

Name: SEPTODONT OF CANADA, INC
Address: 36 Wolseley Court, Cambridge, Ontario CANADA N1R 6X3
Telephone: 519) 623-0506
Facsimile: (519) 623-4290

Emergency phone number: (519) 623-0506 ext 307

2. COMPOSITION/INFORMATION ON COMPONENTS

PREPARATION

Chemical nature: gel based on colophony

Component contributing to danger: Colophony [EC Classification: Xi – R43]: 25-75%

3. HAZARD IDENTIFICATION

MAIN HAZARDS

Specific hazards: may cause sensitization by skin contact

4. FIRST AID MEASURES

Inhalation: not specifically concerned: gel

Skin contact: rinse immediately with plenty of water and soap

Eye contact: rinse immediately with plenty of running water for at least 15 minutes. Consult an ophthalmologist.

Ingestion: seek medical advice. If conscious, drink water.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Appropriate: carbon dioxide, powder, foam, water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: avoid contact with skin and eyes

Environmental precautions: avoid dumping directly into drains.

Cleaning up methods: collect the product mechanically. Dump in an appropriate disposal site.

Cleaning/decontamination: wash with plenty of water and detergent

7. HANDLING AND STORAGE

HANDLING

Technical measures: eye bath should be available for immediate use.

Technical precautions: avoid any direct contact.

Instructions for use: refer to data sheet.

STORAGE

Technical measures: keep in the original container tightly closed.

Storage conditions

Recommended: store in tightly closed container at room temperature: 15-25°C

Incompatible products: none known

Packaging conditions: varnished aluminum tube of 25 g

PACKAGING MATERIALS

Recommended: varnished aluminum

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Technical measures: *no specific or particular technical measures*

Personal protective equipment

Hand protection: protective gloves

Eye protection: safety glasses

Hygiene measures: eye bath

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical: translucent gel

Colour: brown

Odour: resin odour

pH: not applicable

Characteristic temperatures: not determined

FLAMMABLE PROPERTIES

Flash point: not applicable (gel)

EXPLOSION PROPERTIES

Explosion limits in air: not determined

Density: not determined

SOLUBILITY

in water: insoluble

in (organic) solvents: insoluble in alcohol

10. STABILITY AND REACTIVITY

Stability: stable in normal conditions of use

Hazardous reactions: none

Hazardous decomposition products: none known

11. TOXICOLOGICAL INFORMATION

Acute toxicity: calcium hydroxide: LD₅₀ (rat, oral route) = 7340 mg/kg

Zinc oxide, LD₅₀ (mouse, oral route) = 7950 mg/kg

Sensitization: may cause sensitization by skin contact

12. ECOLOGICAL INFORMATION

Avoid emptying directly into drains.

13. DISPOSAL CONSIDERATIONS

Waste from residues

Banning: avoid emptying into drains and rivers.

Destruction/elimination: refer to local regulation in force

Soiled packaging

Destruction/elimination: refer to local regulation in force.

Note: user's attention is drawn on the possible existence of specific legislative, regulatory and administrative dispositions related to its elimination; these regulations may be applicable either in the European Community or be national or local.

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS: Not submitted to transport regulation.

Note: The regulatory instructions cited above are those in force at the time of printing. However, one must always consider an eventual evolution of the rules related to the transportation of hazardous materials and thus should the MSDS in your possession be older than 1 year, it is recommended to have its validity checked by your commercial agent.

15. REGULATORY INFORMATION

REGULATIONS IN THE COMMUNITY

EC labeling: for bulk product (large quantity)

Hazard indications: Xi - IRRITANT

"R" phrases: R43 – may cause sensitization by skin contact

LABELLING for the mentioned packaging and the physical state of the product: EXEMPT

Precautions for use on the leaflet.

Note: The regulatory information gathered in this paragraph only recall the main prescriptions specifically applicable to the product for which this MSDS is prepared. The basic EC texts referred to are always updated and transferred to the national right. It is advised to consult any international, national or local regulations likely to be applied. User's attention is drawn on the fact that other complementary regulation might also be applicable.

16. OTHER INFORMATION

TYPE OF UTILIZATION

Recommended: please consult the technical sheet.

Warning to users:

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded on the statement of our knowledge of the product concerned at the publishing date.

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user from knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the product he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using a hazardous product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person

* STANDARD NF ISO 11014-1(1994): complies with guidelines 91/155/EEC and 93/112/EEC.

End of document: contains 4 pages.