

# MATERIAL SAFETY DATA SHEET

according to standard ISO 11014-1

Product name : ACROSEAL Base  
MSDS n° 139A Version : 01

Date : 16/10/2001  
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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : **ACROSEAL, Base**

### SUPPLIER

Name : SEPTODONT

Address : 58, Rue du Pont de Créteil 94107 Saint-Maur des Fossés Cedex - France

Telephone : 01 49 76 70 00

Telecopy : 01 48 85 54 01

Emergency phone number : INRS 01.45.42.59.59

## 2. COMPOSITION/INFORMATION ON COMPONENTS

### PREPARATION

Chemical nature : Paste for root canal filling containing enoxolone, hexamethylenetetramine and Venice turpentine.

### Component contributing to danger :

Hexamethylenetetramine (methenamine) : 25%	CAS n° 100-97-0	F Xn R42:43-11
Enoxolone : 0-5%	CAS n° 471-53-4	R22 S36
Venice turpentine : 0-25%	CAS n° 8006-64-2	R10

## 3. HAZARD IDENTIFICATION

### MAIN HAZARDS

May cause sensitisation by inhalation and skin contact.

## 4. FIRST AID MEASURES

Inhalation : Not specifically applicable: paste

Skin contact : Rinse immediately with plenty of running water for at least 15 minutes.

Eye contact : Rinse immediately with plenty of running water for at least 15 minutes. Seek ophthalmologist's advice.

Ingestion : Seek medical advice. Rinse mouth and drink plenty of water.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

Appropriate : Carbon dioxide, powder, foam.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid contact with skin and eyes.

Environmental precautions : Avoid direct release into drains. Keep away from sources of ignition.

Methods for cleaning up : Collect the product mechanically. Dispose of to a suitable disposal area.

Cleaning up/decontamination: Wash with detergent diluted with plenty of water.

## 7. HANDLING AND STORAGE

### HANDLING

Technical measures : Install eyewash fountains

Precautionary measures : Avoid direct contact.

Instructions for use : Refer to leaflet.

#### **STORAGE**

**Technical measures** : Keep only in the original sealed container.

#### **Storage conditions**

**Recommended** : Keep in the sealed container at room temperature [15–25°C]

**Incompatible products** : None known.

**Packaging conditions** : 8.5 g metalloplastic tube.

#### **Packaging materials**

**Recommended** : Some plastics, glass.

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### **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Technical measures**: Requires no specific or particular technical measure

#### **Personal protective equipment**

**Hand protection** : Protective gloves

**Eye protection** : Protective glasses

**Hygiene measures** : Eye baths

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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

#### **APPEARANCE**

**Physical** : Paste

**Colour** : Beige

**Odour** : Characteristic turpentine odour

**pH** : not applicable

**Characteristic temperatures** : Not determined

#### **FLAMMABLE PROPERTIES**

**Flash point** : Not applicable (paste)

#### **EXPLOSION PROPERTIES**

**Explosion limits in air** : Not determined

**Density** : Not determined

#### **SOLUBILITY**

**In water** : Insoluble

**In organic solvents** : Insoluble in alcohol.

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### **10. STABILITY AND REACTIVITY**

**Stability** : Stable in normal conditions of use.

**Hazardous reactions** : None

**Hazardous decomposition products** : None known.

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### **11. TOXICOLOGICAL INFORMATION**

**Acute toxicity** : Hexamethylenetetramine: LD<sub>50</sub> (rat, by mouth) = 9200 mg/kg.

## 12. ECOLOGICAL INFORMATION

Avoid direct release into drains.

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues

**Banning** : Prohibition from emptying into drains and rivers

**Destruction/elimination** : Refer to the local regulations in force.

### Soiled packaging

**Destruction/elimination** : Refer to the local regulations 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 subject to transport rules and regulations.

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 labelling** : Compulsory regulatory labelling for hazardous preparations (self-classification) : **CONCERNED**.

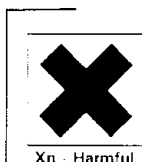
**Hazard indications** : Xn - **HARMFUL**

**Hazardous components** : methenamine

**"R" phrases** : **R42/43** : May cause sensitisation by inhalation and skin contact.

**"S" Phrases** : **S24** : Avoid contact with skin.  
**S37** : Wear suitable gloves.

### LABELLING for the considered packaging



May cause sensitisation by inhalation and skin contact.

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** : refer to the leaflet.

#### 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 fulfil 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\*

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**\*Standard ISO 11014-1 (1994)** : Based on directives 91/155/EEC and 93/112/EEC.

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End of document : contains 4 pages.

# MATERIAL SAFETY DATA SHEET

according to standard ISO 11014-1

Product name : ACROSEAL Catalyst  
MSDS n° 140A      Version : 01

Date : 16/10/2001  
Page : 1/4

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : **ACROSEAL, Catalyst**

### SUPPLIER

Name : SEPTODONT

Address : 58, Rue du Pont de Créteil 94107 Saint-Maur des Fossés Cedex - France

Telephone : 01 49 76 70 00

Telecopy : 01 48 85 54 01

Emergency phone number : INRS 01.45.42.59.59

## 2. COMPOSITION/INFORMATION ON COMPONENTS

### PREPARATION

Chemical nature : Calcium hydroxide-based paste

### Component contributing to danger :

Calcium hydroxide: 28%

CAS n° 1305-62-0

C      R34

Bisphenol A diglycidylether (Epikote 828): < 60%

CAS n° 25068-38-6

Xi - N      R36/38-43-51/53

## 3. HAZARD IDENTIFICATION

### MAIN HAZARDS

Health hazards : Corrosive product. Causes burns.

Specific hazards : According to the criteria of Annex VI to Directive 67/548/EEC, this product is classified as **CORROSIVE**.

## 4. FIRST AID MEASURES

Inhalation : Not specifically applicable: paste

Skin contact : Rinse immediately with plenty of running water for at least 15 minutes.

Eye contact : Rinse immediately with plenty of running water for at least 15 minutes. Seek ophthalmologist's advice.

Ingestion : Seek medical advice. If the patient is fully conscious, give him water or milk to drink. Do not induce vomiting.

## 5. FIRE-FIGHTING MEASURES

Extinguishing media

Appropriate : Water spraying.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid contact with skin and eyes.

Environmental precautions : Avoid direct release into drains.

Methods for cleaning up : Collect the product mechanically. Dispose of to a suitable disposal area.

Cleaning up/decontamination: Wash with detergent diluted with plenty of water.

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## **7. HANDLING AND STORAGE**

### **HANDLING**

**Technical measures** : Install eyewash fountains

**Precautionary measures** : Avoid direct contact.

**Instructions for use** : Refer to data sheet.

### **STORAGE**

**Technical measures** : Keep only in the original sealed container.

#### **Storage conditions**

**Recommended** : Keep in the sealed container at room temperature [+15 to +25°C]

**Incompatible products** : None known.

**Packaging conditions** : 9.5 g metalloplastic tube.

#### **Packaging materials**

**Recommended** : Some plastics, glass.

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## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Technical measures**: Needs no specific or particular technical measure

### **Personal protective equipment**

**Hand protection** : Protective gloves

**Eye protection** : Protective glasses

**Skin and body protection** : Protective clothing

**Hygiene measures** : Eye baths

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **APPEARANCE**

**Physical** : Paste

**Colour** : Yellow

**Odour** : None

**pH** : not applicable

**Characteristic temperatures** : Not determined

### **FLAMMABLE PROPERTIES**

**Flash point** : Not determined

### **EXPLOSION PROPERTIES**

**Explosion limits in air** : Not determined

**Density** : Not determined

### **SOLUBILITY**

**In water** : Insoluble

**In organic solvents** : Insoluble in alcohol, soluble in methylene chloride.

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## **10. STABILITY AND REACTIVITY**

**Stability** : Stable in normal conditions of use.

**Hazardous reactions** : None

**Hazardous decomposition products** : None known.

**Products to avoid** : Strong oxidising agents, soda.

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity :** Calcium hydroxide: LD<sub>50</sub> (rat, by mouth) = 7340 mg/kg.  
Epikote 828: LD<sub>50</sub> (rat, by mouth) = 2000 mg/kg.

**Local effects :** Causes skin and eye burns.

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## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

**Effects on aquatic organisms :** Calcium hydroxide is harmful at low concentration to the aquatic environment.

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## 13. DISPOSAL CONSIDERATIONS

### Waste from residues

**Banning :** Prohibition from emptying into drains and rivers

**Destruction/elimination :** Refer to the local regulations in force.

### Soiled packaging

**Destruction/elimination :** Refer to the local regulations in force.

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## 14. TRANSPORT INFORMATION

### INTERNATIONAL REGULATIONS

#### Land routes

**Rail/road (RID/ADR) :** regulations not examined.

#### Sea (IMDG code) :

**Maritime route (Code IMG) :** regulations not examined.

**Air route (OACI-IT/IATA-DGR) :** regulations not examined.

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## 15. REGULATORY INFORMATION

### REGULATIONS IN THE COMMUNITY

**EC labelling :** Compulsory regulatory labelling for hazardous preparations (self-classification) : **CONCERNED.**

**Identification of the hazardous products :** contains calcium hydroxide and bisphenol A diglycidylether (Epikote 828).

**Hazard indications :** C - CORROSIVE

**"R" phrases :**  
R34 : Causes burns.  
R43 : May cause sensitisation by skin contact.

**"S" Phrases:**  
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 : After contact with skin, wash immediately with plenty of water and soap.

#### LABELLING for the considered packaging



C - Corrosive

Contains Bisphenol A diglycidylether

Causes burns

May cause sensitisation by skin contact.

**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.

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**\*Standard ISO 11014-1 (1994) :** Takes up directives 91/155/EEC and 93/112/EEC.

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