

# Safety Data Sheet

## MAPESIL AC

Safety Data Sheet dated 24/3/2003, version 3

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: MAPESIL AC

Product type and use: Siliconic sealant.

Supplier:

MAPEI S.p.A. -Via Cafiero 22 - Milan -ITALY

Emergency telephone number of the company and/or of an authorised advisory centre:

MAPEI S.p.A. - Tel. +(39)02376731

Poison Centre - Ospedale di Niguarda - Milan - Tel. 02/66101029

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

1% - 2.49% ethyl-triacetoxy-silane

CAS: 17689-77-9 EINECS: 241-677-4

C R14 R34

1% - 2.49% metil-tri-acetossi-silano

CAS: 4253-34-3 EINECS: 224-221-9

C R14 R34

### 3. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

### 4. FIRST AID MEASURES

Contact with skin:

Wash with plenty of water and soap.

Contact with eyes:

Wash immediately with water for at least 10 minutes.

Swallowing:

A suspension of activated charcoal in water, or liquid petrolatum may be administered.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the premises contaminated and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician.

### 5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

Water, CO<sub>2</sub>, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the airways.

### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

None in particular

Use gloves and protective clothing.

Environmental measures:

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Limit leakages with earth or sand.

None in particular.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

### 7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

Always keep the containers tightly closed.

Instructions as regards storage premises:

Adequately ventilated premises.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Not needed for normal use.

Protection for hands:

Not needed for normal use.

Eye protection:

Not needed for normal use.

Protection for skin:

No special precaution must be adopted for normal use.

Exposure limit value of single components:

None

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	paste
Colour:	various
Odour:	leggermente acetico
pH:	-
Boiling point:	- °C
Flash point:	- °C
Autoignition temperature:	- °C
Relative density:	1.03 g/cm <sup>3</sup> (23°C)
Solubility in water:	insoluble
Lipid solubility:	soluble

### 10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

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### 11. TOXICOLOGICAL INFORMATION

Route(s) of entry:

Ingestion: Yes

Inhalation: Yes

Contact: Yes

Toxicological information related to the product:

No toxicological data are available at the moment on the product itself.

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Acute Toxicity: No evidence.

Chronic Toxicity: No evidence.

Corrosive/Irritating Properties:

Eye:

The product can cause a temporary irritation by contact.

Sensitizing Properties:

No effects are known.

Cancerogenic Effects:

No effects are known.

Mutagenic Effects:

No effects are known.

Teratogenic Effects:

No effects are known.

### 12. ECOLOGICAL INFORMATION

Although no experimental data are available, the product is expected to be only partly biodegradable.

Although no experimental data are available, the product cannot be considered safe to aquatic life. It should not be allowed to enter surface waters and groundwater.

Adopt sound working practices, so that the product is not released into the environment.

List of environmentally dangerous substances contained in this preparation and their classification:

0.1% - 0.19% N-butyl-1,2-benzisotiazolin-3-one

CAS: 4299-07-4

R50 Very toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.

### 13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Disposal of hardened product : 08 04 10

Disposal of not hardened product : 08 04 10

### 14. TRANSPORT INFORMATION

UN Number:

-

Rail/Road(RID/ADR):

no dangerous good

Sea (IMO/IMDG):

no dangerous good

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MAR/POL 73/78,Annex III:

No

Air (ICAO/IATA):

no dangerous good

### 15. REGULATORY INFORMATION

Classification and Labelling according to EC Directive 99/45:

Special Provisions:

Safety data sheet available for professional user on request.

The preparation should not be considered as dangerous according to 88/379/EEC Directive

### 16. OTHER INFORMATION

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

ACGIH - Treashold Limit Values (2000)

SAX'S - Dangerous properties of industrial materials - Tenth Edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Text of R phrases referred to under heading 2:

R14 Reacts violently with water.

R34 Causes burns.

Paragraphs modified from the previous revision:

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