

Safety Data Sheet

MAPESIL AC

Safety Data Sheet dated 11/9/2009, version 6

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. +39/02/66101029

Competent person responsible for the safety data sheet:

sicurezza@mapei.it

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

1% - 2.5% ethyl-triacetoxy-silane

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

Xn,C; R22-14-34

1% - 2.5% oligomeric ethyl and methyl acetoxysilanes

C; R34

1% - 2.5% Methyltriacetoxysilane

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

Xn,C; R22-14-34

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 petroleum jelly 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:

4810025/6

Page 1 of 5

Safety Data Sheet

MAPESIL AC

Water, CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

The original ingredients or unidentified toxic and/or irritant compounds may be present in the combustion fumes.

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:

Limit leakages with earth or sand.

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 disposal. 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.

Personal Protective Equipment should comply with relevant CE standards (as EN 374 for gloves and EN 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.

Exposure limit value of single components:

None

Carry out the control of the concentrations of the substances with exposure limits assigned, in the working place according to local dispositions

Safety Data Sheet

MAPESIL AC

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	paste
Colour:	various
Odour:	leggermente acetico
pH:	-
Melting point:	N.A.
Boiling point:	- °C
Flash point:	- °C
Solid/gas flammability:	N.A.
Autoignition temperature:	- °C
Explosion limits(by volume):	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Relative density:	0,98-1,05 g/cm ³ (23°C)
Solubility in water:	insoluble
Lipid solubility:	soluble
Viscosity:	800000 mPa.s (23°C)
Vapour density (air=1):	N.A.

10. STABILITY AND REACTIVITY

Conditions to avoid:
Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Route(s) of entry:
Ingestion: Yes
Inhalation: Yes
Contact: No

Toxicological information related to the product:

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

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Set out below is the toxicological information relating to the main substances in the preparation. The product does not contain toxicologically relevant substances.

Corrosive/Irritating Properties:

Eye:

The product can cause a temporary irritation by contact.

Sensitizing Properties:

No effects are known.

Carcinogenic Effects:

No effects are known.

Mutagenic Effects:

No effects are known.

Teratogenic Effects:

No effects are known.

During the use of the product it is released a small amount of acetic acid (CAS 64-19-7), that can cause mucous and skin irritation.

12. ECOLOGICAL INFORMATION

4810025/6

Page 3 of 5

Safety Data Sheet

MAPESIL AC

Biodegradability: no data available on the preparation.

Aquatic toxicity: the preparation is not to be considered toxic to the aquatic environment based on components.

LC50>100mg/l - aquatic species (calculated data following 1999/45/EC Directive).

Adopt good industrial practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force. Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

Disposal of hardened product (EC waste code) : 08 04 10

Disposal of not hardened product (EC waste code) : 08 04 10

The suggested European waste code is just based on the composition of the product.

According to the specific process or application field a different waste code may be necessary.

14. TRANSPORT INFORMATION

UN Number:	-
Rail/Road(RID/ADR):	no dangerous good
Sea (IMO/IMDG):	no dangerous good
MAR/POL 73/78,Annex III:	No
Air (ICAO/IATA):	no dangerous good

15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH).

Special Provisions:

Safety data sheet available for professional user on request.

16. OTHER INFORMATION

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances

Istituto Superiore di Sanità - Inventario Nazionale Sostanze Chimiche

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

ACGIH - Threshold Limit Values - 2004 edition

SAX'S - Dangerous properties of industrial materials

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 3:

R14 Reacts violently with water.

R22 Harmful if swallowed.

Safety Data Sheet

MAPESIL AC

R34 Causes burns.

Paragraphs modified from the previous revision:

- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 4. FIRST AID MEASURES
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 11. TOXICOLOGICAL INFORMATION