

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

MAPE-ANTIQUE RINZAFFO

Version: 2

Print date: 15.10.04



1. DESIGNATION OF PRODUCT AND COMPANY

Trade name: PE-ANTIQUE RINZAFFO
Product type and use: Ready prepared mortar.
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

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

25% - 50% Blend of Ca and Mg silicate and aluminate

Xi Irritant

R36/38 Irritating to eyes and skin.

5% - 9.99% calcium hydroxide

CAS: 1305-62-0 EINECS: 215-137-3

Xi Irritant

R41 Risk of serious damage to eyes.

3. HAZARDS IDENTIFICATION

If brought into contact with the eyes, the product causes irritation that may last for over 24 hours, and if brought into contact with the skin it causes significant inflammation with erythema, scabs, and oedema.

4. FIRST-AID MEASURES

Contact with skin: Immediately take off all contaminated clothing.
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes: Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.

Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.
Wash the mouth thoroughly and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet.

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

The product does not present a fire hazard

Extinguishers not to be used: None in particular.
Avoid inhaling the fumes.

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**6. MEASURES IN CASE OF ACCIDENTAL RELEASE**

Measures for personal safety:	Use a mask, gloves and protective clothing.
Environmental measures:	If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.
Cleaning methods:	Rapidly recover the product. To so do, wear protective clothing. Scoop into containers and seal for disposal. After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:	Avoid contact with skin and eyes and exposure to high dust concentration.
Incompatible materials:	Keep away from water or from damp surroundings.
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. A dust mask should be worn if above exposure limits.
Protection for hands:	Use protective gloves.
Eye protection:	Not needed for normal use.
Protection for skin:	Use clothing that provides comprehensive protection to the skin.
Exposure limit value:	calcium hydroxide TLV TWA:: 2 mg/m ³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	powder
Colour:	chiaro
pH:	12.8 (with 10% in water)
Melting point:	== °C
Flash point:	== °C
Autoignition temperature:	== °C
Explosion limits(by volume):	==
Relative density:	1,8 - 1,9 g/cm ³ (23°C)
Apparent density:	1.1 g/cm ³
Solubility in water:	partly soluble
Lipid solubility:	insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid:	Stable under normal conditions.
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11. TOXICOLOGICAL INFORMATION

Route(s) of entry:

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.

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Corrosive/Irritating Properties:

Skin: The product can cause irritation by contact.

Eye: The product can cause 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

Adopt sound working 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.

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

Classification and Labelling according to EEC Directive 88/379:

Symbols:

Xi Irritant

R Phrases:

R36/38 Irritating to eyes and skin.

S Phrases:

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

S37 Wear suitable gloves.

Where applicable, refer to the following regulatory provisions :

Presidential Decree D.P.R. 303/56 (Health checks).

16. OTHER INFORMATION

Main bibliographic sources:

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

I.N.R.S. - Fiche Toxicologique

CESIO - Classification and labelling of anionic, nonionic surfactants (1990)

CCNL - Appendix 1 "TLV for 1989-90"

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.