

## Safety Data Sheet KERAPOXY CLEANER

Safety Data Sheet dated 28/9/2010, version 2

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

Trade name: KERAPOXY CLEANER  
Product type and use: Cleaner  
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:

15% - 20% benzyl alcohol

N. EEC/67/548: 603-057-00-5 CAS: 100-51-6 EC: 202-859-9  
Xn; R20/22

2.5 % tetrasodium ethylene diamine tetraacetate

CAS: 64-02-8 EC: 200-573-9  
Xn,Xi; R22-41

1% - 2.49% 2-aminoethanol

N. EEC/67/548: 603-030-00-8 CAS: 141-43-5 EC: 205-483-3  
Xn,C; R20/21/22-34

### 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:

Wash the mouth thoroughly and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet.

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

A suspension of activated charcoal in water, or petroleum jelly may be administered.

Inhalation:

Ventilate the premises.

### 5. FIRE-FIGHTING MEASURES

9045715/2

Page 1 of 5

## Safety Data Sheet

### KERAPOXY CLEANER

The product does not present a fire hazard

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.

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#### 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.

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#### 7. HANDLING AND STORAGE

Handling precautions:  
Avoid contact with skin and eyes.

Incompatible materials:  
None in particular.

Storage conditions:  
Store above 5°C.

Instructions as regards storage premises:  
Adequately ventilated premises.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:  
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:

benzyl alcohol  
VLE 8h: POLAND (NDS) 240 mg/m<sup>3</sup>

2-aminoethanol  
VLE 8h: Poland (NDS) 3 mg/m<sup>3</sup>, (NDSCh) 10 mg/m<sup>3</sup> TLV TWA:: 3 ppm - 7,49 mg/m<sup>3</sup>  
TLV STEL:: 6 ppm - 14,99 mg/m<sup>3</sup>

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

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## Safety Data Sheet KERAPOXY CLEANER

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid
Colour:	light yellow
Odour:	pino
pH:	12,7
Melting point:	== °C
Boiling point:	N.A.
Flash point:	>61 °C
Solid/gas flammability:	N.A.
Explosion limits(by volume):	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Relative density:	== g/cm <sup>3</sup> (23°C)
Solubility in water:	soluble
Lipid solubility:	soluble
Viscosity:	== mPa.s (23°C)
Vapour density (air=1):	N.A.

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### 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: No  
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.

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.

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### 12. ECOLOGICAL INFORMATION

Biodegradability: no data available on the preparation.

## Safety Data Sheet KERAPOXY CLEANER

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.

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### 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) : ==

Disposal of not hardened product (EC waste code) : 07 06 04

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.

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### 14. TRANSPORT INFORMATION

UN Number: ==

Rail/Road(RID/ADR): no dangerous good

Sea (IMO/IMDG): no dangerous good

Air (ICAO/IATA): no dangerous good

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### 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.

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### 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 phrases referred to under heading 3:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R20/22 Harmful by inhalation and if swallowed.

R22 Harmful if swallowed.

R34 Causes burns.

R41 Risk of serious damage to eyes.

## Safety Data Sheet KERAPOXY CLEANER

Paragraphs modified from the previous revision:

- 2. HAZARDS IDENTIFICATION
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 4. FIRST AID MEASURES
- 6. ACCIDENTAL RELEASE MEASURES
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 15. REGULATORY INFORMATION