


MATERIAL SAFETY DATA SHEET according to EU Directive 93/112/EC MAPEPRIM SP COMP. A & B		
Version: 2	Print date: 15.10.04	

1. DESIGNATION OF PRODUCT AND COMPANY

Trade name: MAPEPRIM SP comp.A
Product type and use: Water-borne synthetic resin based primer.
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:
12.5% - 19.99% epoxy resin (number average molecular weight <=700)
CAS: 25068-38-6
Xi Irritant
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.

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. If brought into contact with the skin, the product may cause sensitisation of the skin. This preparation contains low molecular weight epoxy resins. Cross sensitisation to other epoxies is possible. Avoid also exposure to spray mist and vapour.

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: Wash the mouth thoroughly and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet. A suspension of activated charcoal in water, or liquid petrolatum may be administered.
Inhalation: Ventilate the premises.

5. FIRE FIGHTING MEASURES

The product does not present a fire hazard
Extinguishers not to be used: None in particular.
Risks arising from combustion: Avoid inhaling the fumes.
Protective equipment: Use protection for the airways.

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6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Measures for personal safety: Use a mask, gloves and protective clothing.
 Environmental measures: Limit leakages with earth or sand.
 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.
 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 with skin and eyes.
 Incompatible materials: None in particular.
 Storage conditions: Store above 5°C.
 Instructions as regards storage premises: Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures: Respiratory protection: Not needed for normal use.
 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: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: paste
 Colour: blue
 Odour: typical
 pH: 6
 Boiling point: 100 °C
 Flash point: == °C
 Autoignition temperature: == °C
 Explosion limits(by volume): ==
 Relative density: 1.20 g/cm3 (23°C)
 Solubility in water: dispersible
 Lipid solubility: insoluble
 Viscosity: 20000 mPa.s (23°C)

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.)
 It may catch fire on contact with powerful oxidising agents.

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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.

Corrosive/Irritating Properties:

Skin: The product can cause irritation by contact.

Eye: The product can cause irritation by contact

Sensitizing Properties: Frequent skin contact may cause skin sensitization.

Cancerogenic Effects: No effects are known.

Mutagenic Effects: No effects are known.

Teratogenic Effects: No effects are known.

Additional Information: Liquid epoxy resin contained in this material causes only minor skin irritation.

However, all epoxy resins are capable of causing sensitizing of the skin.

Susceptibility to skin irritation and sensitization varies from person to person.

In a sensitized individual the allergic dermatitis may not appear until after several days or weeks of frequent and prolonged contact.

Therefore, even though the skin irritation potential is slight, skin contact should be avoided.

Once sensitization has occurred, exposure of the skin to very small quantities of the material may cause erythema and edema.

12. ECOLOGICAL INFORMATION

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

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:

12.5% - 19.99% epoxy resin (number average molecular weight <=700)

CAS: 25068-38-6

R51/53 Toxic to aquatic organisms, 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.

14. TRANSPORT INFORMATION

UN Number:

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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


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15. REGULATORY INFORMATION

Classification and Labelling according to EEC Directive 88/379:
 Symbols: Xi Irritant
 R Phrases: R36/38 Irritating to eyes and skin.
 R43 May cause sensitization by skin contact.
 S Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S24 Avoid contact with skin.
 S37 Wear suitable gloves.
 Special Provisions: Contains epoxy constituents. See information supplied by the manufacturer.
 Contents: epoxy resin (number average molecular weight <=700)
 2-ethylhexylglycidylether
 Where applicable, refer to the following regulatory provisions :
 Presidential Decree D.P.R. 303/56 (Health checks).
 Presidential Decree D.P.R. 175/88 (Seveso Directive), Appendices II°, III° e IV°.

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.

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1. DESIGNATION OF PRODUCT AND COMPANY

Trade name: MAPEPRIM SP comp.B
 Product type and use: Water-borne synthetic resin based primer.
 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)(2)376731

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:
 None

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: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.
 Inhalation: Ventilate the premises.

5. FIRE FIGHTING MEASURES


The product does not present a fire hazard
 Risks arising from combustion: Avoid inhaling the fumes.
 Protective equipment: Use protection for the airways.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Measures for personal safety: Use gloves and protective clothing.
 Environmental measures: Limit leakages with earth or sand.
 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: 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 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.

9. PHYSICAL AND CHEMICAL PROPERTIES


Appearance: liquid
 Colour: white
 Odour: ammonia
 pH: 10
 Boiling point: 100 °C
 Flash point: == °C
 Autoignition temperature: == °C
 Explosion limits(by volume): ==
 Relative density: 1.05 g/cm³ (23°C)
 Solubility in water: dispersible
 Lipid solubility: insoluble
 Viscosity: 2300 mPa.s (23°C)

10. STABILITY AND REACTIVITY

Conditions to avoid:
 Stable under normal conditions.)
 Substances to avoid:
 None in particular.
 Hazardous decomposition products:
 It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth) and powerful reducing agents.
 It may generate toxic gases on contact with oxidising mineral acids, halogenated organic substances, organic peroxides and hydroperoxides, and powerful oxidising agents.
 It may catch fire on contact with powerful oxidising agents.

11. TOXICOLOGICAL INFORMATION

Route(s) of entry:
 Ingestion: Yes
 Inhalation: Yes
 Contact: Yes
 Toxicological information related to the product:
 There is no data available on the product itself.
 The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.
 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.

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12. ECOLOGICAL INFORMATION

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

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:
 The preparation should not be considered as dangerous according to the EEC/88/379 Directive.
 Where applicable, refer to the following regulatory provisions :
 Presidential Decree D.P.R. 303/56 (Health checks).
 Presidential Decree D.P.R. 175/88 (Seveso Directive), Appendices II°, III° e IV°.

16. OTHER INFORMATION

Main bibliographic sources: NIOSH - Registry of toxic effects of chemical substances (1983)
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