



Safety Data Sheet dated 27/9/2002, version 2

1. IDENTIFICATION OF THE PRODUCT AND OF THE PRODUCER

Trade name: Stonepoxy Part A
Trade code: 048STONEPOXYA-EN
Product type and use: Polyesther mastic for marble and stone.
Seller:

Bellinzoni s.r.l. - Via Don Gnocchi, 4 20016 Pero (MI)
Tel. +390233912133 Fax +390233915224

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

E.U.: Centro Antiveleni - Ospedale di Niguarda - Milano - Tel. +39 0266101029

U.S.A.: Chemtech +1.800.424.9300

International: +1.703.527.3887

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

40% - 50% reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight \leq 700)

N.67/548/CEE: 603-074-00-8 CAS: 25068-38-6 EINECS: 500-033-5

N Dangerous for the environment

Xi Irritant

R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

7% - 10% 1,6 hexanediol diglycidyl ether

CAS: 16096-31-4 EINECS: 240-260-4

Xi Irritant

R43 May cause sensitization by skin contact.

R36/38 Irritating to eyes and skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

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.

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

Safety Data Sheet

Stonepoxy Part A

Inhalation:

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

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

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:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

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 do so, wear a mask and 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 and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

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:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH):

None.

Safety Data Sheet

Stonepoxy Part A

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	Gray paste
Odour:	Characteristic
Vapour pressure:	<0,01 kPa (23°C)
Relative density:	1,60
Solubility in water:	Insoluble
Lipid solubility:	Soluble

10. STABILITY AND REACTIVITY

- Conditions to avoid:
Stable under normal conditions.
- Substances to avoid:
None in particular.
- Hazardous decomposition products:
It may catch fire on contact with powerful oxidising agents.
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11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.
Set out below is the toxicological information relating to the main substances in the preparation.
The product does not contain toxicologically relevant substances.

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

Adopt good working practices, so that the product is not released into the environment.
List of substances dangerous for the environment and corresponding classification:
40% - 50% reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight \leq 700)
N.67/548/CEE: 603-074-00-8 CAS: 25068-38-6 EINECS: 500-033-5
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

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

88/379/EEC (Classification and Labelling):
Symbols:
Xi Irritant
R Phrases:
R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.
S Phrases:

Safety Data Sheet Stonepoxy Part A

S24 Avoid contact with skin.

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

S37/39 Wear suitable gloves and eye/face protection.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Special Provisions:

Contains epoxy constituents. See information supplied by the manufacturer.

Contents:

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight \leq 700)

1,6 hexanediol diglycidyl ether

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

16. OTHER INFORMATION

Main bibliographic sources:

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

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

ACGIH - Treshold Limit Values - 1993/94 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.
