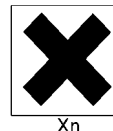


Safety Data Sheet

Mastic 2000 Transparent Vertical



Safety Data Sheet dated 29/8/2002, version 2

1. IDENTIFICATION OF THE PRODUCT AND OF THE PRODUCER

Trade name: Mastic 2000 Transparent Vertical
Trade code: 009MASTRASV-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% styrene

N.67/548/CEE: 601-026-00-0 CAS: 100-42-5 EINECS: 202-851-5

Xn Harmful

R10 Flammable.

R20 Harmful by inhalation.

R36/38 Irritating to eyes and skin.

3. HAZARDS IDENTIFICATION

The product is harmful following acute exposure to it and poses a serious health threat if inhaled. 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:

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

Give liquid paraffin to drink; do not give milk or animal or vegetable fats of any kind.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. 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.

Avoid use of water jets.

Risks arising from combustion:

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Avoid inhaling the fumes.
Protective equipment:
Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

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:
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:
Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).
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):
styrene
TLV TWA: 20 ppm, A4 - 85 mg/m³, A4 TLV STEL: 40 ppm, A4 - 170 mg/m³, A4

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	Paste semitransparent
Odour:	of styrene
Flash point:	>21°C
Explosive properties:	None
Oxidizing properties:	None
Relative density:	1,14
Solubility in water:	Insoluble
Lipid solubility:	Insoluble

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10. STABILITY AND REACTIVITY

Conditions to avoid:
Stable under normal conditions.
Substances to avoid:
None in particular.
Hazardous decomposition products:
None.

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.
Styrene: LD 50 (oral rat): 5000 mg/kg

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number:	3269
Road (ADR):	3.31 C
Rail (RID):	3.31 C
Air (ICAO/IATA):	3 UN 3269
Sea (IMO):	3.3 pag 3372 UN 3269

15. REGULATORY INFORMATION

88/379/EEC (Classification and Labelling):

Symbols:

Xn Harmful

R Phrases:

R20 Harmful by inhalation.

R36/38 Irritating to eyes and skin.

S Phrases:

S24/25 Avoid contact with skin and eyes.

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

Contents:

styrene

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

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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.
