
Safety Data Sheet dated 25/2/2008, version 5

1. PRODUCT AND COMPANY IDENTIFICATION

Trade name: WATER BASED MONOCOMPONENT TRANSPARENT SANDING SEALER
Trade code: FA34
Product type and use: Paint for wood
Company:
INDUSTRIA CHIMICA ADRIATICA S.p.a. Z. Ind. A - v. S. Pertini, 52 62012 Civitanova
Marche (MC) ITALY
Emergency telephone number of the company and/or of an authorised advisory centre:
ICA Spa - Tel. + (39) 733 8080 Fax. + (39) 733 808140
Competent person responsible for the safety data sheet:
icalab1@icaspa.com

2. HAZARD IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON COMPONENTS

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

1% - 3% 2-butoxyethanol
N.67/548/CEE: 603-014-00-0 CAS: 111-76-2 EC: 203-905-0
Xn,Xi; R20/21/22-36/38

Other components:

0.5% - 2% 2-(2-ethoxyethoxy)ethanol
CAS: 111-90-0 EINECS: 203-919-7

Please consult chapter 16 of this SDS for full text of mentioned Risk-phrases.

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, holding the eye open.
Swallowing:
SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.
Inhalation:
Ventilate the premises. The patient is to be removed 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:
Nebulized water, CO2, Foam, Chemical powders, according to the materials involved in the fire.
Extinguishers not allowed/not suitable:
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 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 and inhalation of the vapours. See, too, paragraph 8 below.
Do not eat or drink while working.

Incompatible materials:

None in particular. See, too, paragraph 10 below.

Storage conditions:

Store at temperatures between 5°C and 35°C.

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:

It is advisable to use rubber gloves or PVC.

Eye protection:

Use close fitting safety goggles and/or visor.

Protection for skin:

No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH):

2-butoxyethanol

VLE 8h: 98 mg/m³ - 20 ppm VLE short: 246 mg/m³ - 50 ppm TLV TWA: 20 ppm - 98 mg/m³ TLV STEL:
50 ppm - 246 mg/kg

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	Liquid Viscous Opaque
Odour:	Characteristic
pH:	8.0 - 9.0
Boiling point:	About 100 °C
Flash point:	Not applicable
Relative density:	0.98 - 1.08 kg/l
Solubility in water:	Soluble

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.

2-butoxyethanol

Penetration through: inhalation, ingestion and in contact with skin. Oral LD50 (rat): 560 mg/kg. Dermal LD50 (rabbit): 1.8 g/kg. Oral LD50 (mouse): 1.2 g/kg. Inhalation LC50 (rat): 2.4 g/l/4h.

2-(2-ethoxyethoxy)ethanol

Low order of acute toxicity. Oral DL50 (rat): 6.5 g/kg. Swallowing large quantities can cause gastrointestinal irritations, and depression of the central nervous system. Inhalation: exposure to high

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concentrations can lead to eye, nose and throat irritations.
Irritation level to: skin - little probability of irritation; eyes - may cause conjunctival irritation.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.
Prevent product entering water courses, sewers and prevent penetration of the product into the earth.
List of substances dangerous for the environment and corresponding classification:
0.1% - 0.25% ammonia
N.67/548/CEE: 007-001-01-2 CAS: 1336-21-6 EC: 215-647-6
R50 Very toxic to aquatic organisms.

13. DISPOSAL

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.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.
ADR-UN Number: -
ADR/RID Class: -
IATA-UN Number: -
IATA-Class: -
Marine pollutant: No
IMDG-UN Number: -
IMDG-Class: -

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).
The preparation should not be considered as dangerous accordingly to dir. 1999/45/EEC.
Special Provisions:

Safety data sheet available for professional user on request.

Volatile Organic compounds - VOCs = 2% - 3%
Volatile CMR substances = 0.00 %
Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %
Organic Carbon - C = 1 - 2

Where applicable, refer to the following regulatory provisions :
Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
1999/13/EC (VOC directive)

16. OTHER INFORMATION

Text of R phrases used in paragraph 3
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.
R50 Very toxic to aquatic organisms.

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 - Threshold Limit Values - 2004 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely

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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.
