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Safety Data Sheet dated 10/1/2006, version 1

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

Trade name: FIBERGUARD
Colour: pink
Trade code: 12220.050
Product type and use: Phenoxy primer
Company:
ATTIVA S.p.A. - BRAND BOERO BARTOLOMEO S.p.A -
Pozzolo Formigaro (AL) - Tel. +39 0143/318711 - Sede GENOVA Tel. +39 010/53361 - FAX +39
010/5336310
Emergency telephone number of the company and/or of an authorised advisory centre:
Centro Antiveleni - Ospedale "San Martino" - Genova - Tel.010/352808

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

12.5% - 15% butanone

N.67/548/CEE: 606-002-00-3 CAS: 78-93-3 EINECS: 201-159-0
F Xi R11 R36 R66 R67

10% - 12.5% toluene

N.67/548/CEE: 601-021-00-3 CAS: 108-88-3 EINECS: 203-625-9
F Xn R11 R38 R48/20 R63 R65 R67

7% - 10% 4-methylpentan-2-one

N.67/548/CEE: 606-004-00-4 CAS: 108-10-1 EINECS: 203-550-1
F Xn R11 R20 R36/37 R66

5% - 7% xylene [4]

N.67/548/CEE: 601-022-00-9 CAS: 1330-20-7 EINECS: 215-535-7
Xn R10 R20/21 R38

5% - 7% 2-methoxy-1-methylethyl acetate

N.67/548/CEE: 607-195-00-7 CAS: 108-65-6 EINECS: 203-603-9
Xi R36 R10

3% - 5% 2-methylpropan-1-ol

N.67/548/CEE: 603-108-00-1 CAS: 78-83-1 EINECS: 201-148-0
Xi R10 R37/38 R41 R67

1% - 3% isopropanol

N.67/548/CEE: 603-117-00-0 CAS: 67-63-0 EINECS: 200-661-7
F Xi R11 R36 R67

1% - 3% ethylbenzene

N.67/548/CEE: 601-023-00-4 CAS: 100-41-4 EINECS: 202-849-4
Xn F R20 R11

3. HAZARDS IDENTIFICATION

The product easily catches fire if it is exposed to an ignition source.

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.
This product is harmful: serious harm (functional disorders or significant morphological changes that are toxicology-related) may be caused by repeated or prolonged exposure to the product by inhalation.
This product is harmful - it is suspected that it can be injurious to the foetus.

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:

Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).
Wash immediately with water for at least 10 minutes.

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:

CO2 or Dry chemical fire extinguisher.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.
Cool the containers exposed to the fire with water.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use a mask, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.
Eliminate all unguarded flames and possible sources of ignition. Do not smoke.
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.
Do not smoke while working.

Incompatible materials:

None in particular.

Storage conditions:

Always keep the containers tightly closed.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions as regards storage premises:

Cool and adequately ventilated.

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):

butanone

TLV TWA: 200 ppm - 590 mg/m³ \n TLV STEL: 300 ppm - 885 mg/m³ \n

toluene

TLV TWA: 50 ppm, A4 - 188 mg/m³, A4 skin \n

4-methylpentan-2-one

TLV TWA: 50 ppm - 205 mg/m³ \n TLV STEL: 75 ppm - 307 mg/m³ \n

xylene [4]

TLV TWA: 100 ppm, A4 - 434 mg/m³, A4 \n TLV STEL: 150 ppm, A4 - 651 mg/m³, A4 \n

2-methoxy-1-methylethyl acetate

TLV TWA: 275 mg/m³ - 100 ppm

ethylbenzene

TLV TWA: 100 ppm - 434 mg/m³ \n TLV STEL: 125 ppm - 543 mg/m³ \n

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: liquid
Flash point: 6 °C
Relative density: 1.2200

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

Avoid contact with combustible materials. The product could catch fire.

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.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.
Waste and disposal have to be controlled and evaluated according to their possible polluting power and to the local law.

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:	UN 1263
Road/rail (ADR/RID):	Pitture
IMDG-Class:	3,PG II

15. REGULATORY INFORMATION

99/45/EC (Classification and Labelling), 2001/60/CE, 67/548/CEE, 2001/59/CE, 91/155/CEE, 2001/58/CE:

Symbols:

Xn Harmful
F Highly flammable

R Phrases:

R11 Highly flammable.
R63 Possible risk of harm to the unborn child
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R36/38 Irritating to eyes and skin.

S Phrases:

S23 Do not breathe vapour
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.
S24/25 Avoid contact with skin and eyes.
S2 Keep out of reach of children.
S36/37 Wear suitable protective clothing and gloves.

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Notes:

PACK2 The packing must have tactile indications of danger for blind people.

Contents:

toluene

Where applicable, refer to the following regulatory provisions :

Presidential Decree D.P.R. 303/56 (Health checks).

Law by Decree D.L. 626/94 (Health and safety for workers).

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 - 1997 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.

Text of R phrases referred to under heading 2:

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R38 Irritating to skin.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63 Possible risk of harm to the unborn child

R65 Harmful: may cause lung damage if swallowed.

R20 Harmful by inhalation.

R36/37 Irritating to eyes and respiratory system.

R10 Flammable.

R20/21 Harmful by inhalation and in contact with skin.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.