

Safety Data Sheet

bituPRIME

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name: PRIMERTEC

Company:

PLUVITEC S.p.A. Via Quadrelli 67/A 37055 Ronco all'Adige (VR) ITALY

Tel +390456608111 Fax +390456608188 www.pluvitec.com. Email: info@pluvitec.com

Product:

Priming for surfaces to be waterproofed by bitumen based membranes. The product is solvent based, with blown bitumen.

2. HAZARDS IDENTIFICATION

The product is easily ignitable if exposed to an ignition source, even below 21°C. The vapors are heavier than air, it is possible ignition far from fire.

The product is harmful following acute exposure to it and poses a serious health threat if inhaled, ingested, or brought into contact with the skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Other substances present in the product according to 67/548/CEE and further amendments (see also Sect. 8):

- Toluene :	Max 30%
- Acetone :	Max 25%
- Xilene :	Max 13%
- Ethyl Acetate	Max 10%
- Hydrocarbons C9 – C16 (Distillation Range 145 – 300 °C)	Max 15%
- Butanone (Ethyl Methyl Ketone)	Max 7%
- MIBK (Methyl Isobutyl Ketone)	Max 7%
- Butyl Alcohol	Max 3%
- Solvent Naphtha (Petroleum)	Max 3%
- 2 Butoxyethanol	Max 3%
- Isobutyl Alcohol	Max 3%
- Methanol	Max 1%

4. FIRST AID MEASURES

Contact with skin:

Immediately take off all contaminated clothing.

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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 medicals 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.

Inhalation:

Ventilate the environment. The exposed person must be removed immediately from the contaminated area and to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

In case of fire use CO₂, foam extinguisher.

Extinguishers not to be used:

Water jets.

Risks arising from combustion:

Avoid inhaling the fumes, due to possible toxic gases from combustion.

Protective equipment:

Use protection for the respiratory tract.

Cool the containers exposed to the fire with water.

6. ACCIDENTAL RELEASE MEASURES

Personal safety measures:

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 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.

Use antispark tools. Take precautionary measures against static discharges.

Incompatible materials:

Oxidative agents. See paragraph 10.

Storage conditions:

Always keep the containers tightly closed.

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Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions regarding storage area:

Cool and adequately ventilated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the area 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:

Generally not necessary. Recommended use of safety glasses.

Protection for skin:

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

Here under are reported the safety informations regarding main substances present in the product. For details regarding symbols, Risk phrases and safety advice according to EU regulation, refer to specialized sites (e.g. www.ilo.org)

- Toluene : Max 30%
F, Xn. R 11, R38, R48/20, R63, R65, R67
S2, S46, S62
Index: 601-021-00-3; CAS: 108-88-3; EINECS: 203-625-9
TWA 50 ppm

- Acetone : Max 25%
F, Xn R36, R66, R67
S2, S9, S16, S26
Index: 606-001-00-8; CAS: 67-54-1; EINECS: 200-662-2
TWA 500 ppm, STEL 750 ppm

- Xilene : Max 13%
Xn R20/21, R38
S2, S25
Index : 601-022-00-9 ; CAS: 1330-20-7 ; EINECS: 215-535-7
TWA 100 ppm, STEL 150 ppm

- Ethyl Acetate Max 10%
F, Xi R36, R66, R67
S2, S16, S26, S33
CAS: 141-78-6
TWA 400 ppm

- Hydrocarbons C9 – C16 (Distillation Range 145 – 300 °C) Max 15%
Xn, N R38, R51/53, R65
S24, S61, S62

- Butanone (Ethyl Methyl Ketone) Max 7%
F, Xi R36, R66, R67
S9, S16
Index : 606-002-00-3 ; CAS : 78-93-3 ; EINECS : 201-159-0
TWA 200 ppm, STEL 300 ppm

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- MIBK (Methyl Isobutyl Ketone) F, Xn R20, R36/37, R66 S9, S16, S29 Index: 606-004-00-4; CAS: 108-10-1; EINECS: 203-550-1 TWA 50 ppm, STEL 75 ppm	Max 7%
- Butyl Alcohol Xn R22, R37/38, R41, R67 S2, S16, S7/9, S26, S37/39, S46 Index: 303-004-00-6; CAS: 71-36-3; EINECS: 200-751-6 TWA 20 ppm	Max 3%
- Solvent Naphtha (Petroleum) N, Xn R10, R37, R65, R66, R67, R51/53 S53, S45 Index : 649-356-00-4 ; CAS 64742-95-6 ; EINECS 265-199-0	Max 3%
- 2 Butoxyethanol Xn R 36/38, R20/21/22 S02, S46 Index 603-014-00-0, CAS 111-76-2, EINECS 203-95-0 TWA 20 ppm	Max 3%
- Isobutyl Alcohol Xi R10, R37/38, R41, R67 S46, S26, S13, S02, S07/09, S37/39 Index 603-108-00-1, CAS 78-83-1, EINECS 200-659-6 TWA 50 ppm	Max 3%
- Methanol F, T R11, R23/24/25, R39/23/24/25 S45, S07, S16, S01/02, S36/37 Index 603-001-00-X CAS: 67-56-1 EINECS: 200-659-6 TWA 200 ppm	Max 1%

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	black liquid
Smell:	Organic solvents
pH:	neutral
Boiling point:	55 °C
Flash point:	< 21°C
Relative density:	0,95 - 1,05 kg/l
Solubility in water:	insoluble in water
Viscosity (at 20°C)	12 – 17 sec
Dry at touch:	abt 20 min at 23 °C (variable according to weather conditions)

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions. Avoid electrostatic charges.

Substances to avoid:

Avoid contact with oxidizing agents. The product could develop fire.

Hazards from combustion:

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Possible release of hydrogen sulphide (H₂S). Combustion gases should always be considered as harmful and potentially toxic for Carbon monoxide CO.

11. TOXICOLOGICAL INFORMATION

Not available on the product. Consider the composition of the product (Point 8) in order to determine the contribution of the various substances.

12. ECOLOGICAL INFORMATION

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

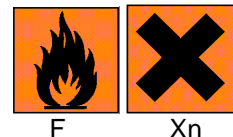
13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. Comply with the enforcing local and national regulations.
Suggested code for disposal: 08 01 11*

14. TRANSPORT INFORMATION

Road / Rail:	Class 3, Packing group II, UN 1263 Paints ADR Labelling: 3 Kemler No: 33 Classification code: F1
Air (IATA):	Not Admitted
Sea (IMO):	3.2 Marine pollutant MMM 3.B106 Ter IMDG 3230

15. REGULATORY INFORMATION



Classification and Labelling
Symbols:

Xn Harmful
F Highly flammable

R Phrases:

R11	Highly flammable
R36/37/38	Irritating to eyes, respiratory system and skin.
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R 65	Harmful: may cause lung damage if swallowed
R 48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed

S Phrases:

S 2	Keep out of the reach of children
S 20/21	When using do not eat, drink or smoke
S 36/37	Wear suitable protective clothing and gloves

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S 38	In case of insufficient ventilation, wear suitable respiratory equipment
S 61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Contains: Xilene, Butanone, Acetone, Toluene, Hydrocarbons

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 - 2006

The information contained herein is based on our state of knowledge at the mentioned date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is on duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

No liability or responsibility will be beared by Pluvitec S.p.A. in case of damages due to improper use of the product

This MSDS cancels and replaces any preceding release.

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