

## Safety Data Sheet

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### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name: BONDITITE PVC

Company:

CEPEX, S.A.U  
C/ Lluís Companys, 51-53  
08400 Granollers (Barcelona) España  
Teléfono: 00 34 93 870 42 08  
Fax: 00 34 93 879 57 11  
e-mail: cepex@cepex.com

Emergency telephone number of the company and/or of an authorised advisory centre:  
CEPEX, S.A.U - Teléfono: 00 34 93 870 42 08

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

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

Quantity	N.67/548/CEE	CAS	EINECS	Name / Classification
70% - 80%	603-025-00-0	109-99-9	203-726-8	tetrahydrofuran F Xi R11 R19 R36/37
30% - 40%	606-002-00-3	78-93-3	201-159-0	butanone F Xi R11 R36 R66 R67

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### 3. HAZARDS IDENTIFICATION

Highly flammable.  
Repeated exposure may cause skin dryness or cracking.  
Vapours may cause drowsiness and dizziness.  
Irritating to eyes and respiratory system.

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### 4. FIRST AID MEASURES

UNDER NO CIRCUMSTANCES SHOULD THE INTOXICATED PERSON BE LEFT UNATTENDED

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.

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.

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### 5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

In case of fire, use... (indicate in the space the precise type of fire-fighting equipment. If water increases risk, add - 'Never use water')

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

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

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### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use 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:

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.

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### 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.

Storage conditions:

None in particular.

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

Keep away from flame and sparks. Avoid accumulating electrostatic charge.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

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:

No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH):

tetrahydrofuran

VLE 8h: 150 mg/m<sup>3</sup> - 50 ppm VLE short: 300 mg/m<sup>3</sup> - 100 ppm TLV TWA: 50 ppm, A3 - 147,44 mg/m<sup>3</sup>, A3 Skin

TLV STEL: 100 ppm, A3 - 294,89 mg/m<sup>3</sup>, A3 Skin

butanone

VLE 8h: 600 mg/m<sup>3</sup> - 200 ppm VLE short: 900 mg/m<sup>3</sup> - 300 ppm TLV TWA: 200 ppm - 589,78 mg/m<sup>3</sup> TLV

STEL: 300 ppm - 884,66 mg/m<sup>3</sup>

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:

colourless

Odour:

characteristic

Melting point:

-31°C hasta -108°C

Boiling point:

+65°C hasta +156°C

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### 10. STABILITY AND REACTIVITY

Conditions to avoid:

Avoid accumulating electrostatic charge.

Substances to avoid:

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

Hazardous decomposition products:

None.

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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.

The product does not contain toxicologically relevant substances.

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### 12. ECOLOGICAL INFORMATION

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

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### 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.

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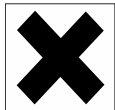
### 14. TRANSPORT INFORMATION

ADR-UN Number:	1133
ADR-Class:	3
ADR-HI number:	30
ADR-Shipping Name:	ADHESIVES containing flammable liquids
ADR-Packing Group:	III
ADR-S.P.:	640 H
IATA-UN Number:	1133
IATA-Class:	3
ADR-Shipping Name:	ADHESIVES containing flammable liquids
IATA-Passenger Aircraft:	309
IATA-Cargo Aircraft:	310
IATA-Label:	Flamm. Liquid
IATA-Packing group:	III
IATA-ERG:	3L
IMDG-Marine pollutant:	No
IMDG-UN Number:	1133
IMDG-Class:	3
ADR-Shipping Name:	ADHESIVES containing flammable liquids
IMDG-Packing group:	III
IMDG-EmS:	F-E , S-D
IMDG-Storage category:	A

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### 15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/CE (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 2001/58/CE (Safety data sheets). Commission Directive 98/24/CE (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/CE (Occupational exposure limit values):



Xi



F

Symbols:

Xi Irritant

F Highly flammable

R Phrases:

R11 Highly flammable.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

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R36/37 Irritating to eyes and respiratory system.

S Phrases:

S16 Keep away from sources of ignition - No smoking.

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

S29 Do not empty into drains.

S33 Take precautionary measures against static discharges.

S43 In case of fire, use... (indicate in the space the precise type of fire-fighting equipment. If water increases risk, add - 'Never use water')

S46 If swallowed, seek medical advice immediately and show this container or label.

S25 Avoid contact with eyes.

S2 Keep out of reach of children.

Notes:

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

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents').

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### 16. OTHER INFORMATION

Text of R phrases referred to under heading 2:

R11 Highly flammable.

R19 May form explosive peroxides.

R36/37 Irritating to eyes and respiratory system.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

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 - 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.