

Safety Data Sheet according to 91/155/EEC

PREMA GmbH

Revision date : 19.10.2005

Revision no. : 1,00

**COLD VULCANISING COMPOUND B**

00623-0007

1. Identification of the substance/preparation and of the company/undertaking**1.1 Identification of the substance or preparation**

COLD VULCANISING COMPOUND B

Further product name / Art.-No.:

PAB-300 (SKU No. 2205705)

Use of the substance/preparation

Filler rubber

1.2 Company/undertaking identification

PREMA GmbH

Aspertsham 40

D-94081 Fürstenzell

Telephone : (++)49 8502 91 76 39

Inquiry office :

Emergency telephone : ++49 (0) 6132 / 84463 GBK Gefahrgut Buero GmbH, Ingelheim

2. Composition/information on ingredients**Chemical characterization** (preparation)

Preparation in aliphatic hydrocarbons

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
226-733-8	5459-93-8	n-Cyclohexyl-N-ethylamine	< 3 %	C, Xn R10-22-34
212-344-0	793-24-8	N-(1,3-Dimethylbutyl) -N'-phenyl-p-phenylenediamine	< 1 %	Xi, N R43-50/53
215-222-5	1314-13-2	zinc oxide	< 5 %	N R50-53
238-677-1	14634-93-6	Zinc-bis (N-ethyl-N-phenyldithiocarbamate)	< 5 %	Xi R36-53
265-151-9	64742-49-0	Naphtha (petroleum)	< 30 %	F, N, Xi, Xn R11-38-51/53-65-67

Full text of each relevant R phrase can be found in heading 16.

3. Hazards identification**Classification**

Symbols : Highly flammable, Irritant, Dangerous for the environment

R-phrases :

Highly flammable.

Irritating to skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.

4. First aid measures**General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

Take away from danger area and lay down affected person.



After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.
Refer for medical treatment.

After contact with skin

Wash off with soap and plenty of water.
Treat subsequently with skin cream.
Consult a doctor if skin irritation persists.

After contact with eyes

If eye irritation persists, consult a specialist.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

After ingestion

Induce vomiting only upon the advice of a physician.
Attention. Beware, danger of aspiration.
Do not induce vomiting.
Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NO_x).

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Cool containers at risk with water spray jet.
The vapour/air mixture is explosive, even in empty, uncleaned receptacles.
Vapours are heavier than air and spread along ground.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.
Use only explosion-proof equipment.
Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Shovel into suitable container for disposal.



7. Handling and storage

7.1 Handling

Advice on safe handling

Keep container tightly closed.

Keep a good ventilation and air-exhaust at the place of work.

Vapours are heavier than air and spread along ground.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Do not smoke.

Take precautionary measures against static discharges.

Use only explosion-proof equipment.

7.2 Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Pay attention to anti-explosion protection rules.

Advice on storage compatibility

Incompatible with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI) :

3 A

8. Exposure controls/personal protection

8.1 Exposure limit values

Exposure limits (EH40)

CAS No.	Substance	ml/m ³	mg/m ³	F/ml	Category	Origin
1314-13-2	Zinc oxide, fume (OLD)	-	5		TWA (8 h)	OES
	Zinc oxide, fume (OLD)	-	10		STEL (15 min)	OES

8.2 Exposure controls

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Treat subsequently with skin cream.

Remove and wash contaminated clothing before re-use.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

Hand protection

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Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Eye wash bottle with pure water.

Tightly fitting goggles

Skin protection

Long sleeved clothing.

9. Physical and chemical properties**9.1 General information**

Physical state : Pasty
 Colour : Beige
 Odour : Like petrol (gasoline)

9.2 Important health, safety and environmental information

		Test method
Changes in the physical state		
Melting point :	< - 20 °C	*)
Boiling point :	63 - 100 °C	*)
Flash point :	< - 25 °C	*)
Flammability		
Lower explosion limits :	1,1 vol. %	*)
Upper explosion limits :	7,4 vol. %	*)
Ignition temperature :	> 200 °C	*)
Vapour pressure :	245,8 hPa	*)
at (20 °C)		
Density (at 20 °C) :	1,04 g/cm ³	approx.
Water solubility :	Immiscible	
at (20 °C)		
Flow time :	> 100 s	6 DIN/ISO 2431

Solvent content

< 30 %

*) Informations concern to solvent

10. Stability and reactivity**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Heating can release vapours which can be ignited.

Vapour/air-mixtures are explosive at intense warming.



Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NO_x).

Additional information

No decomposition if stored and applied as directed.

An inappropriate handling, for instance major amounts of product combined with strong heat and nitrosating agents, renders possible a cleavage of nitrosamines in traces.

11. Toxicological information

Empirical data on effects on humans

Irritating to skin.

Vapours may cause drowsiness and dizziness.

Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

A longer or repeated contact may lead to irritation of eyes and mucous membranes.

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

12. Ecological information

Additional information

Do not flush into surface water or sanitary sewer system.

Slightly water hazardous.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Advice on disposal

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

Waste disposal number of waste from residues/unused products :

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances

Classified as hazardous waste.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

Land transport (ADR/RID)

ADR/RID class :

3

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Hazard-no. : 33
UN number : 1133
Hazard label : 3
ADR/RID packing group : III

Description of the goods

Adhesives

Remarks (land transport)

LQ 7: combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Inland waterways transport**Marine transport**

IMDG code : 3
UN number : 1133
Marine pollutant : No
EmS : F-E; S-D
IMDG packing group : III
Hazard label : 3

Description of the goods

ADHESIVES

Remarks (marine transport)

Receptacle max. 30 L, IMDG Code subsection 2.3.2.3

Limited quantities (section 3.4): combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Air transport

ICAO/IATA-DGR : 3
UN/ID number : 1133
Hazard label : 3
IATA-packing instructions - Passenger : 309
IATA-max. quantity - Passenger : 30 L
IATA-packing instructions - Cargo : 310
IATA-max. quantity - Cargo : 30 L
ICAO packing group : III

Description of the goods

ADHESIVES

Remarks (air transport)

*) [3.3.3.2 IATA DGR]

15. Regulatory information**15.1 Labelling**

Labelling according to EC-guidelines :

According to EEC-regulations the product is to be labelled as follows:

R phrases :

11 Highly flammable.
38 Irritating to skin.
67 Vapours may cause drowsiness and dizziness.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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S phrases :

- 16 Keep away from sources of ignition - No smoking.
- 23 Do not breathe Vapour.
- 24 Avoid contact with skin.
- 33 Take precautionary measures against static discharges.
- 35 This material and its container must be disposed of in a safe way.
- 37 Wear suitable gloves.
- 61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

Special labelling for certain preparations

Contains N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine . May produce an allergic reaction.

15.2 National regulations

Water contaminating class : 1 - slightly water contaminating
1999/13/EC (VOC) : < 30 %

16. Other information

List of relevant R phrases

- 10 Flammable.
- 11 Highly flammable.
- 22 Harmful if swallowed.
- 34 Causes burns.
- 36 Irritating to eyes.
- 38 Irritating to skin.
- 43 May cause sensitization by skin contact.
- 50 Very toxic to aquatic organisms.
- 53 May cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other data

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"