

PLAKA – PLAKAPROOF FA GLUE

Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020



1. Identification of the substance/preparation and of the company/undertaking

1.1 Product details

Trade name: PLAKAPROOF Kleber FA
 Application of the substance / the preparation: cold-setting glue

1.2 Supplier:

Plakabeton N.V.
 Industrielaan 2
 B – 1740 TERNAT
 TEL : +32(0)2 582 29 45
 FAX : +32(0)2 582 19 62
 EMAIL : info@plakagroup.be

2. Composition/information on ingredients

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

| | | | | | | |
|------------------------------------|--------------------------------------|--|-----|--|------------------------|--------|
| CAS: 109-60-4 EINECS: 203-686-1 | propyl acetate | | Xi, | | F; R 11-36-66-67 | 10-25% |
| CAS: 136-23-2 EINECS: 205-232-8 | Zinc bis (dibutyldithiocarbamate) | | Xi, | | N; R 36/37/38-43-50/53 | ≤ 2,5% |

Additional information: For the wording of the listed risk phrases refer to section 16.

3. Identification des dangers

Hazard description:



F Highly flammable

Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Has a narcotizing effect.

PLAKA – PLAKAPROOF FA GLUE

Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020



- R 11 Highly flammable.
- R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R 67 Vapours may cause drowsiness and dizziness.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. First-aid measures

- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: If symptoms persist consult doctor.

5. Fire-fighting measures

- Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
- For safety reasons unsuitable extinguishing agents: Water
Water with full jet
- Protective equipment: No special measures required.

6. Accidental release measures

- Person-related safety precautions: Wear protective equipment. Keep unprotected persons away
- Measures for environmental protection: Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

©Copyright protected

This sheet, written with great care, supersedes all previous versions. The technical information on the design, models, illustrations, design values and specifications are believed to be accurate. We make no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with non suitable use of this product. We reserve the right to modify the contents of this form without prior notice.

PLAKA – PLAKAPROOF FA GLUE

Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020



7. Handling and storage

Handling:

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Information about fire –

Keep ignition sources away - Do not smoke.

and explosion protection:

Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms

Store in a cool location.

and receptacles:

Information about storage in one

Not required.

common storage facility:

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8. Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

| Ingredients with limit values that require monitoring at the workplace: | |
|---|--|
| 471-34-1 calcium carbonate (25-50%) | |
| OES | Long-term value: 10*4** mg/m ³ *total inhalable dust **respirable dust |
| 109-60-4 propyl acetate (10-25%) | |
| OES | Short-term value: 1060 mg/m ³ , 250 ppm Long-term value: 849 mg/m ³ , 200 ppm |

Additional information:

The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Respiratory protection:

Not required.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

PLAKA – PLAKAPROOF FA GLUE

Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020



Material of gloves :

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material :

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

9. Physical and chemical properties

General Information

| | |
|---|---|
| Form: | Pasty |
| Colour: | Black |
| Odour:: | Characteristic |
| Change in condition | |
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | > 100°C |
| Flash point: | 10°C |
| Ignition temperature: | 430°C |
| Self-igniting: | Product is not selfigniting. |
| Danger of explosion: | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| Explosion limits: | |
| Lower: | 1,7 Vol % |
| Upper: | 8,0 Vol % |
| Vapour pressure at 20°C: | 33 hPa |
| Density at 20°C: | 1,15 g/cm ³ |
| Solubility in / Miscibility with water: | Not miscible or difficult to mix. |
| Viscosity: | |
| Dynamic at 20°C: | 3.500.000 mPas |
| Solvent content: | |
| Organic solvents: | 19,5 % |
| Solids content: | 79,0 % |

©Copyright protected

This sheet, written with great care, supersedes all previous versions. The technical information on the design, models, illustrations, design values and specifications are believed to be accurate. We make no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with non suitable use of this product. We reserve the right to modify the contents of this form without prior notice.

PLAKA – PLAKAPROOF FA GLUE

Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020



10. Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions :

No dangerous reactions known.

Dangerous decomposition products:

No dangerous decomposition products known.

11. Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin:

No irritant effect.

on the eye:

No irritating effect.

Sensitization:

No sensitizing effects known.

12 Ecological information

Ecotoxicological effects:

Remark:

Harmful to fish

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms.

13. Disposal considerations

Product:

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

08 04 09

waste adhesives and sealants containing organic solvents or other dangerous substances

Uncleaned packaging:

Recommendation:




Disposal must be made according to official regulations.

PLAKA – PLAKAPROOF FA GLUE
Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020



14. Transport information

| | |
|---|--|
| Land transport ADR/RID (cross-border): | |
|  | |
| ADR/RID class: | 3 (F1) Flammable liquids. |
| Danger code (Kemler): | 33 |
| UN-Number: | 1133 |
| Packaging group: | III |
| Hazard label : | 3 |
| Description of goods: | 1133 ADHESIVES, special provision 640H |
| Maritime transport IMDG: | |
|  | |
| IMDG Class: | 3 |
| UN Number: | 1133 |
| Label | 3 |
| Packaging group: | III |
| EMS Number: | F-E,S-D |
| Marine pollutant: | No |
| Proper shipping name: | ADHESIVES |
| Air transport ICAO-TI and IATA-DGR: | |
|  | |
| ICAO/IATA Class: | 3 |
| UN/ID Number: | 1133 |
| Label | 3 |
| Packaging group: | III |
| Proper shipping name: | ADHESIVES |

PLAKA – PLAKAPROOF FA GLUE

Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020



15. Regulatory information

Labeling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product:



F Highly flammable

Risk phrases:

- 11 Highly flammable
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 67 Vapours may cause drowsiness and dizziness.

Safety phrases:

- 9 Keep container in a well-ventilated place.
- 16 Keep away from sources of ignition - No smoking.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 33 Take precautionary measures against static discharges
- 43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.
- 61 Avoid release to the environment. Refer to special instructions/safety data sheets

Special labeling of certain preparations:

Contains zinc bis(dibutyldithiocarbamate). May produce an allergic reaction.

National regulations:

Technical instructions (air):

| Class | Share in % |
|-------|------------|
| NK | 19,5 |

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

PLAKA – PLAKAPROOF FA GLUE
Cold-setting glue

REF 08.05.04 - Version V01 – 21/12/2020

**16. Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases

11

Highly flammable.

36

Irritating to eyes

36/37/38

Irritating to eyes, respiratory system and skin.

43

May cause sensitisation by skin contact

50/53

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

66

Repeated exposure may cause skin dryness or cracking.

67

Vapours may cause drowsiness and dizziness.

*** Data compared to the previous version altered.**