

Safety data sheet

PCT safety data sheet pursuant to Regulation (EC) No 1907/2006 in the currently applicable version.

Date/revision date: 11 July 2022

Product: Bonding course ZE

Print date: 17 August 2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	Bonding course ZE
1.2. Relevant identified use of the substance or mixture and uses advised against	<u>Relevant identified use:</u> Additive for cement screed
1.3. Details of the supplier of the safety data sheet	<u>Company:</u> PCT Chemie GmbH 71106 Magstadt Germany phone: +49 7159 4062-0 Email address: info@pct-chemie.de
1.4. Emergency contact	Telephone: +49 7159 4062-0

SECTION 2: Potential hazards

2.1. Classification of the substance or mixture	<u>According to Regulation (EC) No 1272 / 2008 (CLP):</u> According to GHS criteria the product is not liable to classification.
2.2. Labelling elements	<u>According to Regulation (EC) No 1272 / 2008 (CLP):</u> According to GHS criteria the product is not subject to labelling.
2.3. Other hazards	<u>According to Regulation (EC) No 1272 / 2008 (CLP):</u> No particular hazards known,

SECTION 3: Composition/information on ingredients

3.1. Substances	Not applicable.
3.2. Mixtures	<u>Chemical characterisation:</u> Preparation based on: polymers, additives <u>Hazardous ingredients (GHS) according to Regulation (EC) No 1272/2008:</u> No particular hazards known,

Safety data sheet

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SECTION 4: First-aid measures

4.1. Description of the first-aid measures	Remove polluted clothes.
	<u>After inhalation:</u> Fresh air.
	<u>After skin contact:</u> Clean off immediately with plenty of soap and water. Generally, the product is not skin irritating.
	<u>After eye contact:</u> Rinse out eyes thoroughly for at least 5 minutes with water.
	<u>After swallowing:</u> Rinse out mouth thoroughly with a lot of water and drink lots of water.
4.2. Most important symptoms and effects, both acute and delayed	<u>Symptoms:</u> The most important known symptoms and effects are described in the labelling of the product (see section 2) and/or in section 11.
4.3. Indication of any immediate medical attention or special treatment needed	<u>Treatment:</u> Symptomatic treatment, no specific antidote known.

SECTION 5: Fire-fighting measures

5.1. Extinguishing agents	<u>Suitable extinguishing agents:</u> Water, spray water, foam, dry extinguishing agent, carbon dioxide
5.2. Special hazards arising from the substance or mixture	No dangers known.
5.3. Advice for firefighters	<u>Special protective gear:</u> Wear protective respiratory gear that is independent of recirculating air.

Safety data sheet

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SECTION 6: Accidental release measures

6.1. Personal precautions protective equipment and emergency procedures	Wear protective gear. Do not inhale vapour/aerosol/spray mist. Please follow the usual precautions when dealing with chemical products for construction.
6.2. Environmental protection measures	Tainted water/extinguishing water should not get into the sewerage/surface water/groundwater. Disposal according to official regulations.
6.3. Methods and material for containment and cleaning up	Absorb with liquid-binding material. Larger quantities need to be pumped out.
6.4. Reference to other sections	For more information on exposure limits and controls/personal protection measures and information on the disposal, please refer to sections 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	The usual precautions in handling with chemicals are to be observed.
	<u>Guideline for a safe handling:</u> No special precautions necessary when applied correctly.
	<u>Guideline for fire and explosion protection:</u> No special precautions necessary.
7.2. Conditions for safe storage, including any incompatibilities	Keep only in the original container in a cool, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Store in a frost-protected area. <u>Storage class:</u> Non-flammable liquids.

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7.3. Specific end uses	In the case of the identified relevant use according to section 1 the indications set forth in this section 7 must be observed.
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SECTION 8: Exposure limits and control/personal protective equipment

8.1. Parameters to be monitored	<u>Components with occupational exposure limits:</u> No occupational exposure limits to be monitored known.
8.2. Exposure limits and control	<p><u>Personal protective equipment:</u> Wear light protection clothing. Respiratory protection: When storing open IBC in small rooms with insufficient ventilation: combination filter for organic, inorganic, acid inorganic and alkaline vapours. Hand protection gear: Suitable tight gloves. Eye protection: Safety goggles with side protection (frame of glasses for ex. EN 166)</p> <p><u>General protection and hygiene measures:</u> Do not inhale gases/vapours/aerosols. Avoid contact with skin, eyes and clothing. Avoid exposure. Please follow the usual precautions when dealing with chemical products for construction. Wearing of closed work clothing is recommended. Do not eat, drink or smoke while using. Wash hands and/or face before breaks and at the end of work. Thoroughly clean and care for skin after handling the product. Gloves must be inspected regularly and prior to each use. Replace, if required (for ex. small leaks).</p> <p><u>Environmental exposure limits and control:</u> See sections 6 and 7.</p>

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	<u>Form:</u> Liquid
	<u>Colour:</u> Brown to dark brown
	<u>Odour:</u> Typical
	<u>Change of state:</u> Boiling point/boiling range: 100 °C
	<u>Flash point:</u> Not applicable.
	<u>Self-inflammability:</u> Not spontaneously inflammable.
	<u>Explosion hazard:</u> Not explosion-prone.
	<u>Oxidising properties:</u> Not oxidising.
	<u>Vapour pressure at 20°C:</u> 23 hPA
	<u>Density:</u> Approx. 1.09 (at 20°C)
	<u>Relative density:</u> (approx. 1.09)
	<u>Relative vapour density (air):</u> Not determined.
	<u>Partition coefficient: n-octanol/water:</u> Not required.

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	<u>Thermal decomposition:</u> Not determined.
	<u>Viscosity, dynamic:</u> Not determined.
	<u>Solubility in / miscibility with water:</u> Mixable
	<u>pH value:</u> 7-8
9.2. Miscellaneous information	Indicate other physical and chemical parameters in this section, if required.

SECTION 10: Stability and reactivity

10.1. Reactivity	No dangerous reactions, if stored and handled as prescribed/indicated.
10.2. Chemical stability	The product is stable, if stored and handled as prescribed/indicated.
10.3. Possibility of dangerous reactions	No dangerous reactions, if stored and handled as prescribed.
10.4. Conditions to avoid	No conditions to avoid to be expected.
10.5. Incompatible materials	<u>Substances to avoid:</u> Strong acids, strong bases, strong oxidising agents, reactive chemical products.
10.6. Dangerous decomposition products	No dangerous decomposition products, if stored and handled as prescribed/indicated.

SECTION 11: Toxicological information

11.1. Information on toxicological effects	<u>Acute toxicity:</u> On account of the available data, the classification criteria are not met.
	Primary irritant effect:
	<u>Corrosive/irritant to skin:</u> On account of the available data, the classification criteria are not met.
	<u>Serious eye damage/eye irritation:</u>

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	On account of the available data, the classification criteria are not met.
	<u>Sensitisation of respiratory tract/skin:</u> The mixture does not cause skin sensitization. In spite of this, allergic reactions can occur in susceptible individuals.
	<u>Germ cell mutagenicity:</u> On account of the available data, the classification criteria are not met.
	<u>Carcinogenicity</u> On account of the available data, the classification criteria are not met.
	<u>Reproduction toxicity:</u> On account of the available data, the classification criteria are not met.
	<u>Specific target organ toxicity after single exposure:</u> On account of the available data, the classification criteria are not met.
	<u>Specific target organ toxicity after repeated exposure:</u> On account of the available data, the classification criteria are not met.
	<u>Aspiration hazard:</u> On account of the available data, the classification criteria are not met.
	<u>Additional toxicological information:</u> Does not require identification according to the calculation method of the General Classification Guideline for Preparations of the EC.

SECTION 12: Environmental information

12.1. Toxicity	<u>Assessment of aquatic toxicity:</u>
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	There is a high probability that the product is not acutely harmful to aquatic organisms.
12.2. Persistence and degradability	Assessment biodegradation and elimination (H2O): Not easily bio-degradable (according to OECD-criteria)
12.3. Bioaccumulation potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of the PBT and vPvB assessment	The product does not meet the criteria for PBT (persistent/bioaccumulative/toxic), or vPvB (very persistent/very bioaccumulative)
12.6. Other adverse effects	<u>Water hazard class:</u> WGK 1 (self-classification): Slightly hazardous to water.

SECTION 13: Disposal information

13.1. Waste treatment methods	Do not dispose with domestic waste. Must be disposed of in compliance with local regulations, e.g. to a suitable landfill or incineration plant.
	<u>Uncleaned packaging:</u> May be used again after cleaning.
	<u>Recommended detergent:</u> Water
	<u>Trading name:</u> Bonding course ZE

SECTION 14: Shipment information

14.1. UN number	ADR/RID/ADN, IMDG, IATA not applicable
14.2. UN proper shipping name	ADR/RID/ADN, IMDG, IATA not applicable
14.3. Transport hazard class	ADR/RID/ADN, IMDG, IATA not applicable
14.4. Packing group	ADR/RID/ADN, IMDG, IATA not applicable

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14.5. Environmental risks	Marine pollutant: No
14.6. Special precautions for user	Not applicable.
14.7. Transport in bulk according to Annex II of MARPOL Convention and the IBC Code	Not applicable.
Transport/further details	No hazardous good according to the above specifications.
UN "Model Regulation"	Not applicable.

SECTION 15: Legislation

15.1 Regulations pertaining to safety, the protection of people's health and the environment/specific legislation for the substance or mixture	<u>According to Regulation (EC) No 1272/2008 (CLP):</u> Not subject to classification.
	<u>Labelling according to EU guidelines:</u> The product is not subject to identification regulations under EU directives and the Ordinance on Hazardous Materials.
	<u>Water hazard class:</u> WGK 1 (self-classification): Slightly hazardous to water. If other legislation has to be applied and is not specified elsewhere in this Safety data sheet this can be found in this subsection.
15.2. Chemical safety assessment	Chemical safety assessment not necessary.

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SECTION 16: Miscellaneous information

Data sheet issuing authority	PCT Chemie GmbH Hemmingen
Contact person	Dept.: Technical Services Bernhard Friedrich Mobile: +49 151 526 50921

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