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## Section 1: Identification of the substance

### 1.1. Product identification

Productform : Mixture  
Productname : Bitumen Coating PMBC 1K high solid (PS)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Recommended use

Waterproofing material

#### 1.2.2. Uses advised against

Data not available

### 1.3. Details of the supplier of the safety data sheet

Bitutec – Private Label GmbH  
Westring 18, 33142 Büren, Deutschland

### 1.4. Emergency telephone number:

Phone: +49 2951 7079931  
Bitutec – Private Label GmbH  
Westring 18, 33142 Büren, Deutschland  
[www.bitutec.de](http://www.bitutec.de)

Poison center: +49(0)30 30686 700

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP)

Adverse physicochemical, human health and environmental effects:  
No other hazards

### 2.2. Label elements

The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP):

Hazard pictogram  
None  
Hazard note:  
None  
Safety note:  
None  
Special regulations:  
None

### 2.3. Other hazards

No other hazards

## Section 3: Composition/ information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification  
< 30% crystalline silica ( $\text{Ø} > 10 \mu$ )  
CAS: 14808-60-7, EC: 238-878-4  
The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP)

## Section 4: First aid measures

### 4.1. Description of first aid measures

In case of inhalation : Remove casualty to fresh air and keep warm and at rest  
In case of skin contact : Wash with plenty of water and soap  
In case of eyes contact : Wash immediately with water.  
In case of ingestion : Do not induce vomiting, get medical attention showing the SDS and the hazard label.

### 4.2. Most important symptoms and effects, both acute and delayed

N.A.

### 4.3. Indication of any immediate medical attention and special treatment needed

See section 4.1



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## Section 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water. CO<sub>2</sub>. Powder extinguisher  
Not suitable extinguishing media : High pressure water-jet

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases

### 5.3. Advice for firefighters

Use suitable breathing apparatus

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. Advice for non-emergency personnel

Emergency procedures : Ventilate accident area. Avoid contact with eyes and skin

#### 6.1.2.

Protective clothes : Wear the personal protective equipment. Move the person to a safe place. Observe the protective measures listed in section 8.

### 6.2. Environmental precautions

Contain leaked or spilled product with earth or sand. Prevent penetration into the soil/subsoil. Prevent runoff into groundwater or sewage system. Collect and dispose of contaminated wash water. In case of gas leakage or entry into watercourses, soil or sewage system, inform the relevant authorities.

Suitable material for collection: absorbent or organic materials, sand.

### 6.3. Methods and material for containment and cleaning up

Methods of cleaning : After collection, wash affected area and material with water. Suitable material for collection: absorbent or organic materials, sand.

### 6.4. Reference to other sections

See also section 13.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Hygiene and protective measures : Avoid skin and eye contact and inhalation of vapors. Do not eat or drink while working. Wash contaminated clothing thoroughly before reuse. Wash hands with soap and water after contact with product.

### 7.2. Conditions for safe storage with consideration of environmental compatibility

Storage conditions : Keep away from food, beverages and pet food. Store storage container closed and dry. Appropriate ventilation of the storage rooms.

### 7.3. Specific and use(s)

None in particular

## Section 8: Exposure controls/ personal protection

### 8.1. Control parameters

Calcium carbonate (1317-65-3)		
WEL	TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

### 8.2. Exposure controls

#### Suitable technical control equipment:

Ensure sufficient ventilation and air circulation. Eye showers and emergency showers should be available at the site of operation at all times.

#### Protection for skin:

Wear protective gloves. Standard EN 374 - Protective gloves against chemicals. Wear personal protective equipment

#### Protection for eyes:

Wear safety goggles. Standard EN 166 - personal eye protection.

#### Respiratory protection:

In case of insufficient ventilation. Wear personal ventilation equipment

#### Environmental protection measures:

Avoid release into the environment.



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## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: solid
Colour	: Brown
Odour	: Characteristic
Odour threshold	: N.A.
pH	: 10
Evaporation rate (Butyl acetate=1)	: N.A.
Melting point	: N.A.
Freezing point	: N.A.
Boiling point	: N.A.
Flash point	: N.A.
Auto-ignition temperature	: N.A.
Disintegration temperature	: N.A.
Flash point (solid, gas)	: N.A.
Vapor pressure	: N.A.
Relative vapor density at 20 °C	: N.A.
Density number	: 0,65 g/cm <sup>3</sup>
Solubility	: N.A.
Log Kow	: N.A.
Viscosity, kinematic	: N.A.
Viscosity, dynamic	: N.A.
Explosion properties	: N.A.
Oxidizing properties	: N.A.
Explosion limits	: N.A.

### 9.2. Other information

No additional information

## Section 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

None under normal conditions (see section 7).

### 10.5. Incompatible materials

Strongly oxidizing substances.

### 10.6. Hazardous decompositions products

None.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity in case of single exposure	Not classified
Specific target organ toxicity in case of repeated exposure	Not classified
Aspiration hazard	Not classified



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**Section 12: Ecological information**

**12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.  
 Eco-Toxicological information: None

**12.2. Persistence and degradability**

N.A.

**12.3. Bioaccumulative potential**

N.A.

**12.4. Mobility in soil**

N.A.

**12.5. Results of PBT an vPvB assessment**

vPvB-ingredients: None ; PBT-ingredients: None

**12.6. Other adverse effects**

N.A.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

Recycle if possible. Proceed in accordance with applicable local and national regulations.  
 91/156/EEC, 91/689/EEC, 94/62/EC and according to subsequent supplements:  
 Disposal of cured product (EWC No.) : 08 04 10  
 Disposal of uncured product (EWC No.) : 08 04 14  
 The proposed European waste code is based on the composition of the product. Depending on the specific area of use, a different waste code may be required. Please observe EC Directive 2001/118/EC

**Section 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN Number</b>				
N.A.	N.A.	N.A.	N.A.	N.A.
<b>14.2. UN proper shipping name</b>				
N.A.	N.A.	N.A.	N.A.	N.A.
<b>14.3. Transport hazard class(es)</b>				
N.A.	N.A.	N.A.	N.A.	N.A.
<b>14.4. Packing group</b>				
N.A.	N.A.	N.A.	N.A.	N.A.
<b>14.5. Environmental hazards</b>				
N.A.	N.A.	N.A.	N.A.	N.A.

**14.6. Special precautions for the user**

**Road and Rail**

N.A.

**Sea**

N.A.

**Air**

N.A.

**14.7. Transport in bulk according to Annex II of the MARPOL Convention and according to the IBC Code**

N.A.



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**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/ legislation specific for the substance or mixture**

**15.1.1. EU-Regulations**

Does not contain REACH substances with Annex XVII restrictions  
Does not contain substances on the REACH Candidate List  
Does not contain Annex XIV substances

**15.1.2. National restrictions**

No additional details

**15.2. Chemical safety assessment**

None

**SECTION 16: Other Information**

Abbreviations and acronyms:

ADN	European agreement concerning the international Carriage of dangerous goods by inland waterways
ADR	European agreement concerning the international Carriage of dangerous goods by road
ATE	Acute Toxicity estimate
CLP	Classification, Labeling, Packaging
DMEL	Derived minimal effect level (DMEL)
DNEL	Derived no effect level (DNEL)
EC50	Half maximal effective concentration
IATA	International Air transport Association (IATA)
IMDG	International Maritime Code for dangerous goods (IMDG-Code)
LC50	Lethal concentration for 50 percent of test population
LD50	Lethal dose for 50 percent of test population
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no effect concentration
REACH	Registration, Evaluation, Authorization and licensing of chemicals (EC) No 1907/2006
RID	Regulation concerning the international transport of dangerous goods by rail.
SDS	Safety data sheet
vPvB	Very persistent, very bioaccumulative

Full text of H and EUH declarations:

SDS EU (REACH Annex II)

This information is based on current knowledge and intended to describe the products in terms of health, safety and environmental protection. It

should therefore not be construed as guaranteeing any particular characteristic of the product.

Made by Josip Stipanovic  
Certificate No: GBF-A-0-2620  
Certificate validity date : 30.05.2020