

# PCABS B6000

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Date of issue: 2/17/2020 Revision date: 2/17/2020 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : PCABS B6000

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Injection moulding products

##### 1.2.2. Uses advised against

No additional information available

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

Polymer Compounders Limited  
Edwardson Road  
Meadowfield Industrial Estate  
Durham DH7 8RL  
UK

#### 1.4. Emergency telephone number

Emergency number : 44 191 378 3737

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

Dust may form explosive mixture in air. Inhalation of dust may cause irritation of the respiratory system. The melted product adheres to the skin and causes burns.

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Carbonic acid, diphenyl ester, polymer with diphenyl P-methylphosphonate and 4,4'-(1-methylethylidene)bis[phenol]	(CAS-No.) 77226-90-5 (EC-No.) Not available (REACH-no) Exempt	45	Not classified
Poly[oxy-carbonyloxy-1,4-phenylene(1-methylethylidene)-1,4-phenylene]	(CAS-No.) 24936-68-3 (EC-No.) 607-454-4 (REACH-no) Exempt	39.6	Not classified
2-Propenenitrile, polymer with 1,3-butadiene and ethenylbenzene	(CAS-No.) 9003-56-9 (EC-No.) 618-371-8 (REACH-no) Exempt	15	Not classified
Ethene, 1,1,2,2-tetrafluoro-, homopolymer	(CAS-No.) 9002-84-0 (EC-No.) 618-337-2 (REACH-no) Exempt	0.4	Not classified

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If breathing stops, give artificial respiration. Get immediate medical advice/attention.
First-aid measures after skin contact	: Wash skin with plenty of water and soap. Remove all contaminated clothing and footwear. Get medical advice if skin irritation persists. Wash clothing before re-using.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water, also under the eyelids. Seek immediate medical advice.
First-aid measures after ingestion	: If swallowed, rinse mouth with water (only if the person is conscious).

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

Symptoms/effects after eye contact	: Redness.
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### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray, powder, foam (carbon dioxide (CO <sub>2</sub> )). Alcohol resistant foam.
Unsuitable extinguishing media	: Do not use water jet.

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

Fire hazard	: Formation of toxic gases is possible during heating or in case of fire.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO <sub>2</sub> ). Hydrogen cyanide.

### 5.3. Advice for firefighters

Precautionary measures fire	: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
Firefighting instructions	: Wear proper protective equipment. Positive pressure self-contained breathing apparatus (SCBA) and structural fire-fighters protective clothing. Evacuate the personnel away from the fumes.
Protective equipment for firefighters	: Wear a self contained breathing apparatus. Positive pressure self-contained breathing apparatus (SCBA). Complete protective clothing.
Other information	: Evacuate unnecessary personnel. Keep away from ignition sources. Cool tanks/drums with water spray/remove them into safety.

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### SECTION 6: Accidental release measures

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

General measures : Cool containers / tanks with spray water if possible. Collect contaminated fire fighting water separately. Avoid dust formation. Keep away from sources of ignition. Ensure adequate air ventilation.

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear personal protection equipment.  
Emergency procedures : No action shall be taken involving any personal risk or without suitable training.

##### 6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment.

#### 6.2. Environmental precautions

Avoid discharge to the environment. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Sweep up dry powder and dispose properly. Comply with applicable regulations.

#### 6.4. Reference to other sections

See Section 1 for emergency contact information. For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Prevent dust accumulation to minimize explosion hazard. Prevent the build-up of electrostatic charge. Ensure good ventilation of the work station. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Store in a dry, cool area. Store in a well-ventilated place.  
Incompatible materials : Strong oxidizing agent.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Ethene, 1,1,2,2-tetrafluoro-, homopolymer (9002-84-0)

##### Germany - Occupational Exposure Limits (TRGS 900)

Occupational exposure limit value (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup> Polytetrafluorethen (alveolengängige Fraktion)
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#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

##### Personal protective equipment:

Safety glasses. Gloves. Dust production: dust mask with filter type P2.

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### Materials for protective clothing:

Wear suitable protective clothing

### Hand protection:

Wear suitable gloves tested to EN374. Impermeable protective gloves. Chemically resistant protective gloves. Nitrile rubber. Layer thickness : 0,1 mm . Breakthrough time : > 480 min. Use heat-protective gloves when handling product at elevated temperatures.

### Eye protection:

Tightly fitting safety goggles. EN 166

### Respiratory protection:

Wear a respirator conforming to EN140.

### Environmental exposure controls:

Do not allow uncontrolled discharge of product into the environment

## SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Colour	: Off White
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions of use.

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### 10.3. Possibility of hazardous reactions

Dust may form explosive mixture in air.

### 10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6. Hazardous decomposition products

On combustion, forms: carbon oxides (CO and CO<sub>2</sub>). Hydrogen cyanide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Carbonic acid, diphenyl ester, polymer with diphenyl P-methylphosphonate and 4,4'-(1-methylethylidene)bis[phenol] (77226-90-5)

LD50 oral rat	> 2000 mg/kg
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Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

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Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

### 15.1.2. National regulations

#### Germany

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)  
Water hazard class (WGK) : WGK nwg, Non-hazardous to water (Classification according to AwSV, Annex 1)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

### 15.2. Chemical safety assessment

A chemical safety assessment is not required.

## SECTION 16: Other information

Abbreviations and acronyms:	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
SDS	Safety Data Sheet
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
LC50	Median lethal concentration
EC50	Median effective concentration
NOEC	No-Observed Effect Concentration
PVC	PVC (Polyvinyl chloride).

### Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Not classified	
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SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.