

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 11 Mar 2020

**Print date:** 11 Mar 2020

**Version:** 1



## Pluracryl Press / Xpress Pulver

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

#### 1.1. Product identifier

**Trade name/designation:**

**Pluracryl Press / Xpress Pulver**

**Article No.:**

236000; 236001; 236003; 236004; 236006; 236007; 247224; 247225; 235984; 235985; 235987; 235988; 235990; 235991; 247230; 247231

**Additional information:**

Manufacturing of dental products.

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

**Use of the substance/mixture:**

The product is intended for professional use.

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

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Pluradent AG & Co.KG**

Kaiserleistrasse 3  
63067 Offenbach a.M.  
Germany

**Telephone:** +49 69 82983-0

**Telefax:** +49 69 82938-271

**E-mail:** regulatory.affairs@pluradent.de

**Website:** www.pluradent.de

#### 1.4. Emergency telephone number

Poisoning Information Centre of Health Austria, 24h: +43 1 406 43 43

poison emergency call Mainz, 24h: +49 (0) 6131/19240

### SECTION 2: Hazards identification

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

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard statements:** -

**Supplemental hazard information:** -

**Precautionary Statements:** -

#### 2.3. Other hazards

**Adverse human health effects and symptoms:**

Contains Methyl methacrylate, Dibenzoyl peroxide. May produce an allergic reaction.

**Other adverse effects:**

This mixture contains no substances that are persistent, bioaccumulating and toxic (PBT).



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### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

##### Description:

Mixture based on methyl methacrylate.

##### Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 9011-14-7	<b>Acrylic polymer</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	95 - ≤ 100 Wt %
CAS No.: 94-36-0 EC No.: 202-327-6 INDEX No.: 617-008-00-0	<b>dibenzoyl peroxide</b> Eye Irrit. 2, Org. Perox. B, Skin Sens. 1 <b>Danger</b> H241-H317-H319	0 - < 1 Wt %

Full text of H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended.

##### Following inhalation:

Provide fresh air.

##### In case of skin contact:

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

##### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### After ingestion:

Rinse mouth. Let water be drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

##### Self-protection of the first aider:

Self-protection of the first aider

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media:

alcohol resistant foam, Dry extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Water spray jet

##### Unsuitable extinguishing media:

Full water jet

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

Non-flammable.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.



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### SECTION 6: Accidental release measures

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

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

**Personal precautions:**

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

**Protective equipment:**

Wear protective gloves/protective clothing/eye protection/face protection.

##### 6.1.2. For emergency responders

No data available

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

**For containment:**

Take up mechanically.

Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

No special measures are necessary.

**Fire prevent measures:**

No special fire protection measures are necessary.

**Advices on general occupational hygiene**

When using do not eat, drink or smoke.

Avoid contact with eyes and skin.

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

**Technical measures and storage conditions:**

No special measures are necessary.

**Storage class:** 11 - Combustible solids that cannot be assigned to any of the above storage classes

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

**Recommendation:**

Manufacturing of dental products.



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## Pluracryl Press / Xpress Pulver

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
MAK (AT)	dibenzoyl peroxide CAS No.: 94-36-0	② 10 mg/m <sup>3</sup> ⑤ (einatembare Fraktion max. 8x5 min./Schicht, Momentanwert)
TRGS 900 (DE)	dibenzoyl peroxide CAS No.: 94-36-0	① 5 mg/m <sup>3</sup> ② 5 mg/m <sup>3</sup> ⑤ (einatembare Fraktion)
MAK (AT)	dibenzoyl peroxide CAS No.: 94-36-0	① 5 mg/m <sup>3</sup> ⑤ (einatembare Fraktion)

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

##### 8.2.2. Personal protection equipment

###### Eye/face protection:

Wear eye protection/face protection.

###### Skin protection:

Tested protective gloves must be worn EN ISO 374

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

###### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

###### Other protection measures:

Take off contaminated clothing and wash it before reuse.

Wash hands before breaks and after work.

When using do not eat, drink, smoke, sniff.

##### 8.2.3. Environmental exposure controls

No data available

### SECTION 9: Physical and chemical properties

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

##### Appearance

Physical state: Powder

Colour: various

Odour: characteristic



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### Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not determined</i>			
Melting point	110 °C			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature	<i>not determined</i>			
Flash point	> 250 °C			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	> 400 °C			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	1.16 g/cm <sup>3</sup>	20 °C		
Bulk density	700 - 750 kg/m <sup>3</sup>	20 °C		
Water solubility	The study does not need to be conducted because the substance is known to be insoluble in water.			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			
Solid content (%)	100 %			

### 9.2. Other information

No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

none

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

Exothermic decomposition with formation of: methyl methacrylate

## SECTION 11: Toxicological information

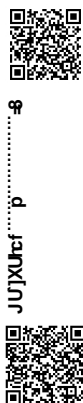
### 11.1. Information on toxicological effects

#### Acute oral toxicity:

Based on available data, the classification criteria are not met.

#### Acute dermal toxicity:

Based on available data, the classification criteria are not met.



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### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

### Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

### Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

### Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

### Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

### Carcinogenicity:

Based on available data, the classification criteria are not met.

### Reproductive toxicity:

Based on available data, the classification criteria are not met.

### STOT-single exposure:

Based on available data, the classification criteria are not met.

### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

### Aspiration hazard:

Based on available data, the classification criteria are not met.

### Additional information:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Additional ecotoxicological information:

The product is not: Ecotoxic

### 12.2. Persistence and degradability

#### Additional information:

The product has not been tested.

### 12.3. Bioaccumulative potential

#### Accumulation / Evaluation:

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.6. Other adverse effects

Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste treatment options

#### Appropriate disposal / Product:

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

#### Appropriate disposal / Package:

Wash with plenty of water. Completely emptied packages can be recycled.

## SECTION 14: Transport information

No dangerous good in sense of these transport regulations.



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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN-No.</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant			
<b>14.4. Packing group</b>			
not relevant			
<b>14.5. Environmental hazards</b>			
not relevant			
<b>14.6. Special precautions for user</b>			
not relevant			

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 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 legislation

##### Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

#### 15.1.2. National regulations

##### [DE] National regulations

##### Störfallverordnung

##### for substances contained in the product:

This product is not assigned to a hazard category.

##### Water hazard class (WGK)

##### WGK:

1 - schwach wassergefährdend

##### Berufsgenossenschaftliche Vorschriften (BGV)

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

##### Other regulations, restrictions and prohibition regulations

To follow:

- 850/2004/EC
- 79/117/EEC
- 689/2008/EC

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.



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### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG - International Maritime Dangerous Goods

IATA - International Air Transport Association

IATA-DGR - Dangerous Goods Regulations for the Transport of Dangerous Goods by IATA.

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

ELINCS - European List of Notified Chemical Substances

CAS - Chemical Abstracts Service

LC50 - Lethal concentration, 50 %

LD50 - Lethal Dose, 50 %

#### 16.3. Key literature references and sources for data

No data available

#### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

##### Hazard statements

H241	Heating may cause a fire or explosion.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

#### 16.6. Training advice

No data available

#### 16.7. Additional information

The information is based on the current state of our knowledge, but they do not constitute an assurance of product properties and do not establish a contractual relationship.

The information contained in this safety data sheet is based on our best knowledge and conscience on topically available information about the correct use of the product under normal conditions. The user is solely responsible for any other usage of this product in connection with other processes / procedures which is not described in this data sheet. This document does not show any explicit or implicit guarantee with regard to product quality or suitability for a certain purpose.



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