

Material Safety Data Sheet

according to Regulation (EU) 2015/830



Revision:04

Revision Date: 2024-08-22

Print Date : 2020-12-20

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

1.1. Product identifier

Product Name: PROCRYLA-Heat Cure Denture Base Powder

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

1.3. Details of the supplier of the safety data sheet

Company Name: President Dental GmbH

Street: Kesselbodenstrasse 5

Zip-Code / Town: 85391, Allershausen

Web: www.presidentdental.com

Contact for technical information: +49 8166 389 9 820

Phone / Fax / E-Mail: +49 8166 389 9 820 / +49 8166 389 9 821 / info@presidentdental.com

1.4. Emergency Telephone Number


+49 8166 389 9 820 (8.00 am – 4.30 pm Mon-Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP:	Skin Sens. 1B: H317
Most important adverse effects:	May cause an allergic skin reaction.

2.2. Label Elements

Hazard statements:	H317: May cause an allergic skin reaction.
Hazard pictograms:	GHS07: Exclamation mark
Signal words:	 Warnings
Precautionary statements:	P261: Avoid breathing dust. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other Hazards

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PBT:	This product is not identified as a PBT/vPvB substance.
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SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical identity:	HEAT CURE ACRYLIC POWDER
Contains:	Dibenzoyl peroxide; CAS 94-36-0 ; H241; H317 H319; H400; <1%

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact:	Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat. There may be vomiting and diarrhoea.
Inhalation:	Exposure may cause coughing or wheezing.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment:	Show this safety data sheet to the doctor in attendance.
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SECTION 5: Fire Fighting Measures

6.3. Extinguishing media

	Water spray. Alcohol or polymer foam. Dry chemical powder. Carbon dioxide.
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6.3. Special Hazards arising from the substance or mixture

Exposure hazards:	In combustion emits toxic fumes.
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6.3. Advice for firefighters

Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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SECTION 6: Accidental release measures

6.1. Personal Precautions, protective equipment and emergency procedures.

Personal precautions:	Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.
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6.2 Environmental precautions

Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures:	Transfer to a closable, labelled salvage container for disposal by an appropriate method.
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6.4. Reference to other sections

Reference to other sections:	Refer to section 13 of SDS.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements:	Ensure there is exhaust ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.
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7.2. Conditions for safe storage, including any incompatibilities.

Storage conditions:	Store in a cool, well ventilated area.
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7.3. Specific and use(s)

	Not applicable
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:	No data available.
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DNEL / PNEC Values

DNEL / PNEC	No data available.
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8.2. Exposure Control

Engineering measures:	Ensure there is exhaust ventilation of the area.
Respiratory protection:	Respiratory protective device with particle filter.
Hand protection:	Butyl gloves.
Eye protection:	Safety glasses with side-shields.
Skin protection:	Protective clothing.
Environmental:	Prevent from entering in public sewers or the immediate environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	White/Pink
Odour	Slight/Odourless
Odour Threshold	No data available
pH	No data available
Melting Point	No data available
Freezing Point	No data available
Initial Boiling Point	No data available
Flash Point	390 °C
Evaporation Rate	No data available
Flammability (solid,gas)	No data available
Vapour Pressure	No data available
Vapour Density	No data available
Relative Density	No data available
Fat Solubility	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidising Properties	No data available

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Solubility	Insoluble
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9.2. Other Information

Conductivity	No data available
Surface Tension	No data available
Gas Group	No data available
Benzene Content	No data available
Lead Content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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10.2. Chemical Stability

Chemical stability:	Stable under normal conditions
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10.3. Possibility of Hazardous Reactions

Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
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10.4. Conditions to avoid

Conditions to avoid:	Heat
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10.5 Incompatibles materials

Materials to avoid:	Oxidising agents. Reducing agents. Acids. Bases. Amines.
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10.6. Hazardous decomposition products

Haz. decomp. products:	In combustion emits toxic fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:	No data available.
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Symptoms / routes of exposure

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat. There may be vomiting and diarrhoea.
Inhalation:	Exposure may cause coughing or wheezing.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.
Other information:	Not applicable.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity values:	No data available
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12.2. Persistence and degradability

Persistence and degradability:	Not readily biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential:	Slightly bioaccumulable.
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12.4. Mobility in Soil

Mobility:	Insoluble in water.
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12.5. Results of PBT and vPvB assessment

PBT identification:	This product is not identified as a PBT/vPvB substance.
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12.6. Other adverse effects

	No data available
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SECTION 13: Disposal Considerations

13.1. Waste Treatment methods

Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal company.
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Disposal of packaging: NB:	Arrange for collection by specialised disposal company. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
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SECTION 14: Transport information

Transport class:	This product does not require a classification for transport.
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SECTION 15: Regulatory information

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

	No data available
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15.2. Chemical safety assessment

Chemical safety assessment:	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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SECTION 16: Other information

Other Information

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010 * indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and s.3:	H317: May cause an allergic skin reaction.

Further Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.