

Product name: HEBA-ACRYL-Powder HOT

Article No.: 50800

Print date: 22. April 2020

Revision date: 30.03.2020

1. Chemical Product and Company Identification

1.1 Product identifier: HEBA-ACRYL-Powder HOT

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

Use of the substance/mixture

Creation of otoplastics.

1.3 Details of the supplier of the safety data sheet

Manufacturer / distributor identification

Company: HEBA- OTOPLASTIK Labortechnik u. Einrichtungs-
GmbH & Co. KG
Hauptstr. 42 D-63853 Mömlingen
Phone: +49 6022 / 681600 Fax: +49 6022 / 31663
E-Mail: Info@HEBA.de www.HEBA.de

1.4 Emergency telephone number:

Toxic emergency call Munich + 49 89 19240

(Toxicological department of the 2nd medical clinic)

2. Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2 Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH208 Contains dibenzoyl peroxide; benzoyl peroxide. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards

Contains: Methyl methacrylate Organic peroxides. May produce an allergic reaction.

3. Composition / information on ingredients

3.1 Mixtures

Chemical characterization

Mixture on base of acrylic powder and catalyst.

Hazard components

CAS No.	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
9011-14-7	Acrylic polymer			95-<= 100%

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94-36-0	Dibenzoyl peroxide; benzoyl peroxide		< 1 %
	202-327-6	01-2119511472-50	
	Org. Perox. B, Eye Irrit. 2, Skin Sens. 1; H241 H319 H317		

Full text of H and EUH statements: see section 16.

4. First-aid measures

4.1 Description of first aid measures

General information: Remove contaminated, saturated clothing immediately. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

After inhalation: Provide fresh air.

After contact with skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes: Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion: Rinse mouth immediately and drink plenty of water.

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

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media: Full water jet

5.2 Special hazards arising from the substance or mixture: No-flammable.

5.3 Advice for firefighters: In case of fire: Wear self-contained breathing apparatus.

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

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Do not breathe dust.

6.2 Environmental precautions: Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up: 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

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7. Handling and storage

7.1 Precautions for safe handling:

Advice on safe handling: No special measures are necessary.

Advice on protection against fire and explosion: No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Keep container tightly closed.

Hints on joint storage: No special measures are necessary.

7.3 Specific end use(s):

Creation of hearing instrument.

8. Exposure controls / personal protection

8.1 Control parameters

Exposure limits (EH 40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
94-36-0	Dibenzoyl peroxide	-	5		TWA (8h)	WEL

Additional advice on limit values: No information available

8.2 Exposure controls

Appropriate engineering controls: No information available.

Protective and hygiene measures: Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection: Wear eye protection/face protection.

Hand protection: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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.

Skin protection: Wear suitable protective clothing.

Respiratory protection: In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: powder
Color: colorless
Odor: characteristic

pH-Value: not determined

Changes in the physical state

Melting point: ca. 110 °C
Initial boiling and boiling range: not determined
Flash point: > 250 °C

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Flammability:

Solid:	not determined
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	> 400 °C

Auto-ignition temperature

Solid:	not determined
Gas:	not applicable
Decomposition temperature	not determined

Oxidizing properties

Not oxidizing	
Vapor pressure:	not determined
Density (at 20 °C):	1,16 g/cm ³
Bulk density (at 20 °C):	700-750 kg/m ³
Water solubility (at 20 °C):	The study does not need to be conducted because the substance is known to be insoluble in water.

Solubility in other solvents

Soluble in hydrocarbons	
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

9.2 Other information

Solid content:	100 %
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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: Exothermal decomposition with formation of: Methyl methacrylate

11. Toxicological information

11.1 Information on toxicological effects

Toxicokinetics, metabolism and distribution: The product has not been tested.

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

Irritation and corrosivity: Based on available data, the classification criteria are not met.

Sensitising effects: Contains dibenzoyl peroxide; benzoyl peroxide. May produce an allergic reaction.

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Carcinogenic/mutagenic/toxic effects for reproduction: 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 on tests: This mixture is classified as hazardous according to Directive 1999/45/EC.

12. Ecological Information

12.1 Toxicity

The product is not: Ecotoxic.

12.2 Persistence and degradability

The product has not been tested.

12.3 Bioaccumulative potential

The product has not been tested.

12.4 Mobility in soil:

 The product has not been tested.

12.5 Results of PBT and vPvB assesment:

 The product has not been tested.

12.6 Other adverse effects:

 Not information available.

Further information: ological effects: Avoid release to the environment.

13. Disposal considerations

13.1 Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

Dispose of waste according to applicable legislation.

Contaminated packaging:

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

14. Transport Information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

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Marine transport (IMDG)

- | | |
|--|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Air transport (ICAO-TI/IATA-DGR)

- | | |
|--|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

14.5 Environment hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

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

not applicable

15. Regulatory information

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

EU regulatory information

Information according to 2012/18/EU
(SEVESO III):

not subject to 2012/18/EU (SEVESO III)

Additional information

To follow: 850/204/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions: 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

Water contaminating class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

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

16. Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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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%

Relevant H and EUH statements (number and full text)

H241 Heating may cause a fire or explosion.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

EUH208 Contains dibenzoyl peroxide; benzoyl peroxide. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Further information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)