

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

1.1 Product identifier

Trade name:

RUCK Kunststoff für Nagelprothetik, Pulver

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

No further relevant information available

Application of the substance / the mixture Material for artificial nails

1.3 Details of the supplier of the safety data sheet

HELLMUT RUCK GmbH

Daimlerstraße 23

D-75305 Neuenbürg

fon +49 (0)7082. 944 20

fax +49 (0)7082. 944 22 22

e-Mail kontakt@hellmut-ruck.de

1.4 Emergency telephone number

VIZ Universitätsklinikum Freiburg: Phone (24h) +49 (0)761 19240

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Void

Hazard pictograms

Void

Signal word

Void

Hazard statements

Void

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Additional information:

Contains dibenzoyl peroxide. May produce an allergic reaction.

Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description: -

Dangerous components:

25086-15-1	Copolymerisat	Flam. Liq. 2, H225	10-25%
------------	---------------	--------------------	--------

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

4.1 Description of first aid measures

General information No special measures required.

After inhalation	Supply fresh air; consult doctor in case of symptoms.
After skin contact	Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
After eye contact	Rinse opened eye for several minutes under running water. Then consult doctor.
After swallowing	Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus.

Additional information: –

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water.

Do not allow to enter the ground/soil.

6.3 Methods and material for containment and cleaning up

Collect mechanically.

Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 13 for information on disposal.

See Section 8 for information on personal protection equipment.

–

7 Handling and storage

7.1 Precautions for safe handling

Wear protective equipment. Keep unprotected persons away.

Prevent formation of dust.

Provide suction extractors if dust is formed.

Information about protection against explosions and fires

Protect from heat.

7.2 Conditions for safe storage, including any incompatibilities Storage

Requirements to be met by storerooms and containers: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store in a cool place.

7.3 Specific end use(s)

No further relevant information available

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Breathing equipment:

Use breathing protection against the effects of fumes/dust/aerosol. Filter P3.

Protection of hands: Use protective gloves, if skin contact cannot be avoided.

Eye protection: Safety glasses

Body protection: Light weight protective clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Solid
Colour:	Whitish
Smell:	Odourless
Odour threshold:	Not determined
pH-value:	Not determined
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not applicable
Flash point:	Not applicable
Inflammability (solid, gaseous)	Not applicable
Ignition temperature:	
Decomposition temperature:	Not determined
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.
Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.

Steam pressure at 20 °C:	40 hPa
Density	Not determined
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.

9.2 Other information

No further relevant information available

10 Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

To avoid thermal decomposition do not overheat.

10.4 Conditions to avoid

No further relevant information available

10.5 Incompatible materials

No further relevant information available

10.6 Hazardous decomposition products

Hydrocarbons

11 Toxicological information

11.1 Information on toxicological effects

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

Primary irritant effect:

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.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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.

12 Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available

12.3 Bioaccumulative potential

No further relevant information available

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

12.6 Other adverse effects

No further relevant information available

13 Disposal considerations

13.1 Waste treatment methods

Recommendation

Small quantities can be polymerized with the matching system component(s) and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of following the regulations of the local authorities.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14 Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR

Void

ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to

Annex II of MARPOL and the IBC Code

Not applicable.

Transport/Additional information:

—

UN "Model Regulation":

Void

15 Regulatory information

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

No further relevant information available

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid and vapour.

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 Harmonised 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 (division of the American Chemical Society)
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative
Flam. Liq. 2:	Flammable liquids, Hazard Category 2