according to UK REACH Regulation



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

1.1. Product identifier

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

Use of the substance/mixture

model building material

1.3. Details of the supplier of the safety data sheet

Company name: RAMPF Advanced Polymers GmbH & Co. KG

Street: Robert-Bosch-Str. 8-10
Place: D-72661 Grafenberg

Telephone: +49(0)7123-9342-0 Telefax: +49(0)7123-9342-2444

E-mail: advanced.polymers@rampf-group.com

Contact person: laboratory

1.4. Emergency telephone Emergency telephone : ++49 (0) 6132 / 84463 GBK GmbH Global Regulatory

number: Compliance, Ingelheim

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This substance is not classified as hazardous in accordance with GB CLP Regulation.

When milling: Danger of dust explosion

2.2. Label elements

Additional advice on labelling

There is no requirement for the product to be specially labelled according to EC directives or the corresponding

Voluntary product information following the Safety Data Sheet format

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

Reactionproduct based on polyurethane

Relevant ingredients

none (according to UK REACH Regulation)

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Dust: Provide fresh air.

After contact with skin

No special measures necessary if used correctly.

After contact with eyes

Dust: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

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

There are no data available on the mixture itself.

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

There are no data available on the mixture itself.

SECTION 5: Firefighting measures

5.1. Extinguishing media

according to UK REACH Regulation



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Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

In case of fire formation of carbon monoxide, nitrogen oxide, isocyanat vapour and traces of hydrogen cyanide is possible.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid dust formation.

For non-emergency personnel

May form combustible dust concentrations in air. Keep away from sources of ignition - No smoking.

Avoid contact with eyes.

Do not breathe dust. Provide adequate ventilation.

For emergency responders

Protective equipment

6.2. Environmental precautions

No special measures are necessary.

6.3. Methods and material for containment and cleaning up

For containment

No special measures are necessary.

For cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

none

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures necessary if used correctly.

Avoid dust formation. Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion

May form combustible dust concentrations in air.

Advice on general occupational hygiene

May form combustible dust concentrations in air. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures are necessary.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

No special measures are necessary.

Individual protection measures, such as personal protective equipment

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Eye/face protection

Dust protection eye glasses

Hand protection

Wear protective gloves. (dust-tight)

Skin protection

Protective clothing., Safety Shoes

Respiratory protection

In case of dust formation wear micro dust mask.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid
Colour: beige
Odour: odourless

Melting point/freezing point:

Boiling point or initial boiling point and

not applicable
not applicable

boiling range:

Flammability: not applicable Lower explosion limits: not applicable Upper explosion limits: not applicable Flash point: not applicable Auto-ignition temperature: not applicable Decomposition temperature: not applicable pH-Value: not applicable Viscosity / kinematic: not applicable Water solubility: Insoluble

Solubility in other solvents

not applicable

Dissolution rate:

Partition coefficient n-octanol/water:

Dispersion stability:

Vapour pressure:

Density (at 20 °C):

Relative vapour density:

Particle characteristics:

not applicable
not applicable
not applicable
not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Product does not present an explosion hazard.

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No special measures are necessary.

To avoid thermal decomposition, do not overheat. (> 200°C)

10.5. Incompatible materials

No special measures are necessary.

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10.6. Hazardous decomposition products

Nitrogen oxides (NOx), Carbon monoxide, Carbon dioxide (CO2)

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Toxicological data are not available.

Irritation and corrosivity

Dust particles, like other inert materials, are mechanically irritating the eyes.

Sensitising effects

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

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.

11.2. Information on other hazards

Endocrine disrupting properties

There are no data available on the mixture itself.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Not degradable

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of UK REACH.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Where possible recycling is preferred to disposal.

If recycling is not practicable, dispose of in compliance with local regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID 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.

Marine transport (IMDG)

14.1. UN number or ID 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.

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14.3. Transport hazard class(es):
 14.4. Packing group:
 No dangerous good in sense of this transport regulation.
 No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID 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. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

This product does not contain substances of very high concern > 0,1% (Regulation (EC) No 1907/2006 (REACH), Article 57).

Observe restrictions to employment for juveniles 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.

National regulatory information

Water hazard class (D): -- non-hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Abbreviations and acronyms

UFI: Unique Formula Identifier DNEL: Derived No-Effect Level

PBT:persistent and bioaccumulative and toxic

vPvB:Very persistent and very bioaccumulative

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Key literature references and sources for data Regulation (EC) No 1907/2006; Regulation (EC) No. 1272/2008