

confirm regulation (EG) Nr. 1907/2006 (REACH),
appendix II - Germany
Hot melt based on Thermoplastic Rubber (PSA)

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1. Identification of substance

• Product details

Typ: Hot melt adhesive **Code D Thermoplastic Rubber (PSA)** article number
Form **X**: **4** = pillows
5 = blocks
Use: adhesive

• **Manufacturer/Supplier:** BÜHNEN GmbH & Co. KG
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2. Hazard identification

• Hazard designation:

void

• Specific information on particular dangers for man and the environment:

According to the calculation of the „General Classification guideline for preparations of the EU“ in the latest valid version, the product is not subject to labelling requirements.

3. Composition/Information an ingredients

• Chemical characterization

Description: Hot melt adhesive (Thermoplastic Rubber (PSA))

Dangerous components: Void

Additional Information: If any R-phrases (risk-phrases) are listed, please refer for the exact wording to section 16.

4. First aid measures

• General Information

No special measures required.

• After skin contact

The product does not irritate the skin. After contact with the molten product, cool rapidly with cold water. Do not pull solidified product away from the skin. Seek medical treatment.

• After eye contact

Rinse opened eye for several minutes under running water.

• After swallowing

In case of persistent symptoms consult physician.

5. Firefighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Special hazards caused by the material, its products of combustion or flue gases**
Can be released in case of fire Carbon monoxide (CO).
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment**
Wear self-contained breathing apparatus. Do not inhale explosion gases or combustion gases.

6. Accidental release measures

- **Safety precautions/operators or staff**
Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection**
No special measures required.
- **Measures for cleaning/collecting**
Collect mechanically.
Allow to solidify.
Provide ventilation.
- **Additional information**
No dangerous materials are released.

7. Handling and storage

- **Handling**
Information for Safe handling:
Store in cool, dry place in tightly closed containers.
Ensure that suitable extractors are available on processing machines.
Information about protection against explosions and fires:
No special measures required.
- **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**
None.

8. Exposure controls and personal protection

- **Additional information about design of technical systems**
No further data; see item 7.
- **Components with critical values that require monitoring in 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.
- **Personal protective equipment**
General protective and hygienic measures
Standard precautionary measures for handling chemicals are to be observed. Avoid skin contact with the liquefied material.
- **Breathing equipment**
Not required.
- **Protection of hands**
Heat resistant gloves.
Material of gloves
Leather gloves. Strong gloves.
Penetration time of glove material No special requirements
- **Eye protection**
Safety glasses recommended during refilling.

9. Physical and chemical properties

- **General Information**
 - Form: Solid
 - Colour: According to product specification
 - Smell: Characteristic
- **Change in condition**
 - Melting point/Melting range: Not determined
 - Boiling point/Boiling range: Not determined
- **Flash point** > 220°C
- **Ignition temperature** 300°C
- **Spontaneous combustion** Product does not undergo spontaneous combustion.
- **Danger of explosion** Product is not explosive.
- **Density at 20°C** 0,9 g/cm³
- **Solubility in / Miscibility with**
 - Water: Insoluble
- **Solvent content**
 - Organic solvents: 0,0 %
- **Solid content** 100,0 %

10. Stability and reactivity

- **Thermal decomposition/conditions to be avoided:**
 - No decomposition if used according to specifications. To avoid thermal decomposition do not overheat.
- **Dangerous reactions**
 - Toxic fumes may be released if heated above the decomposition point.
 - No dangerous reactions known.
- **Dangerous products of composition:**
 - Carbon monoxide
 - Hydrocarbons

11. Toxicological Information

- **Acute toxicity**
 - LD/LC50 values that are relevant for classification:**
 - void
- **Primary irritant effect**
 - to the skin:** No irritant effect.
 - to the eye:** No irritant effect.
- **Sensitization**
 - No sensitizing effect known.
- **Additional toxicological information**
 - The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the Information provided to us.

12. Ecological Information

- **General notes**
 - Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow the product to reach ground water, open water or the sewer system, undiluted or in large quantities.

13. Disposal considerations

- **Product**
 - Recommendation**
 - Smaller quantities can be disposed with household garbage.
 - European waste catalogue**
 - 08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09
- **Uncleaned Containers/packaging material**
 - Recommendation:** Dispose of packaging according to regulations on the disposal of packagings

14. Transport Information

- **Land transport ADR/RID and GGVSIGGVE (Cross-border/domestic)**
ADRIRID-GGVSIE Class: Not dangerous according to the above specifications.
- **Maritime transport IMDGIGGVSea**
Marine pollutant: No
- **Transport/Additional information:** Not dangerous according to the above specifications.

15. Regulatory Information

- **Designation according to EC guidelines**
Observe the standard safety regulations when handling chemicals.
The product is not subject to marking/classification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

16. Other Information

These data are based on our present knowledge. They shall, however, not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. All standard industrial precautions apply, concerning protection of health, and safe handling. The recommendations have to be examined in the context of the application for which the product is intended, and observed as necessary.

- **Department issuing data specification sheet**
laboratory

- **Contact**

Joachim Rudolph

- **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)

RID: Reglement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Corrceming the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

* **Data modified in comparison to the previous version.**