

Safety Data Sheet

according to 2001/58/EG



Date of revision: 09.01.2007

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1. Identification of substance / preparation / company

1.1 Name of product: Hot Melt Glue, Type HMP2000-2

1.2 Company Ing. Fritz Schroeder GmbH & Co. KG
Neumann-Reichardt-Strasse 36-37
22041 Hamburg
GERMANY

Tel.: 0049 40 736077-0
Fax: 0049 40 736077-22

2. Composition / Information on components

2.1 Chemical characterization (preparation)

Hot melt

Base: Ethylene-vinylacetate copolymer

2.2 Hazardous ingredients: not applicable

CAS-No.:	Designation	%	Symbol	R-Phrases
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3. Possible hazards

3.1 Hazards identification:

Not applicable

3.2 Special hazards information for man and environment

Not applicable

4. First aid measures

4.1 General information:

4.2 Inhalation:

No special measures required

4.3 Skin contact:

After contact with molten product cool quickly with cold water. Do not pull solidified product from skin. Seek medical treatment.

4.4 Eye contact:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

4.5 Ingestion:

No special measures required.

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5. Fire-fighting measures

5.0 General information

Not applicable - coordinate extinction activities with surrounding fire, if product is not molten.

5.1 Suitable extinguishing material:

Carbon dioxide, foam, dry powder.

5.2 Extinguishing material that must not be used for safety reasons:

Full water jet by molten product; risk of scald.

5.3 Special exposure hazards extinguishing from the substance or preparation itself, combustible products or resulting gases:

In the event of fire the following can be released: carbon monoxide (CO)

5.4 Special protective equipment for fire-fighters:

Use self-contained breathing apparatus.

5.5 Additional information:

6. Accidental release measures

6.1 Personal precautions:

Avoid skin contact with hot liquid product.

6.2 Environmental precautions:

Not known – product is not soluble in water.

6.3 Methods for cleaning up/taking up:

Allow to solidify and take up mechanically.

7. Handling and storage

7.1 Handling:

Advice on safe handling:

No special measures necessary if used correctly.

Advice on protection against fire and explosion:

No special measures necessary if used correctly.

7.2 Storage:

Requirements for storage rooms and vessels:

Store cool at a dry place, protect from electrostatic charge.

Advice on storage compatibility:

Not applicable

German storage group:

Not applicable

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8. Exposure controls / personal protection

8.1 Additional advice on system designs:

See item no. 7

8.2 Ingredients with occupational exposure limits:

Material	CAS-No.	Code	Value
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8.3 Personal protection equipment:

Respiratory protection: provide good room ventilation **Eye protection:** goggles

Hand protection: protected gloves recommended **Body protection:** normal work wear

8.4 General measures of protection and hygiene:

Observe the usual care for handling chemicals.

9. Physical and chemical properties

9.1 Form: solid

Colour: white

Odour: weak

9.2 Data relevant for safety:

Melting point/melting range: °C

Boiling temperature: at 1013 hPa

Flash point: appr. 200 °C

Ignition temperature: appr. 400 °C

Explosion limits:

upper: not applicable

lower: not applicable

Vapour pressure: 20°C

Density: 20°C 1,0 g/cm³ ISO 8962

Solubility in water: insoluble in water

pH-value: 23°C DIN 53 785

Viscosity (Haake RS 50): 170°C appr. 2.500 mPas ISO 3219

10. Stability and reactivity

10.1 Thermal decomposition:

No decomposition in case of storage and use in accordance with intended application

10.2 Dangerous reactions:

No hazardous reactions known

10.3 Further information:

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11. Toxicological information

11.1 Toxicological tests:

No data known

11.2 Experience made in praxis:

Even if prescribed working temperature is adhered to, hot melts release fumes which, in accordance with art. 14 and 16 of the Order for Work Places may be felt as molesting and should, therefore, be sucked-off. If, however, prescribed working temperatures are considerably exceeded over a prolonged period of time, the risk that harmful decomposition products may develop, cannot totally be excluded by us.

11.3 Additional information:

According to our present knowledge, no harms are to be expected in case of appropriate use.

12. Ecological information

12.1 Notes on elimination:

The product may be collected mechanically.

12.2 Behaviour in environmental compartments:

No data available

12.3 Ecotoxicological effect:

No data available

12.4 Further Information/ecology:

Class of water hazard (Nat. Regulations): no water hazard, product is insoluble in water (VwVwS 4.3; 17. May 1999).

13. Disposal considerations

13.1 Product:

Incinerator or landfill according to local rules.

Waste key code:

According to the European waste listing (Europäischer Abfallkatalog EAK), no waste key code can be determined as such a code depends on the individual application of the product by its user. The national and local legal guidelines are to be observed.

13.2 Contaminated packaging

Contaminated packaging should be emptied as far as possible and may be taken for reuse after appropriate cleaning.

14. Transport information

14.1 Regulations:

Land transport:	ADR / RID / GGvS / GGvE	no dangerous goods
Inland waterway transport:	ADN / ADNR	no dangerous goods
Marine transport:	IMDG / GGvSee-Code	no dangerous goods
Air transport:	ICAO / IATA-DGR	no dangerous goods
Further information:	Postal dispatch	admissible

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15. Regulatory information

15.1 Labelling according to EC-regulations:

Does not require a hazard warning label.

Risk phrases: not applicable

Safety phrases: not applicable

15.2 National regulations (German):

Class of water hazard (Nat. Regulations): no water hazard, product is insoluble in water (VwVwS 4.3; 17. May 1999).

16. Further notes

These indications are based on the state of our present knowledge and describe exclusively the security requirements of the product; they do not represent any assurance of qualities in the sense of legal warranty regulations.

Existing laws and regulations should be observed by consignee of product under his own responsibility.