



15. DEZ. 2003

m628 E

Henkel KGaA

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

Page 1 of 4

SDS no.: 43178
V001.4

Pattex hot Sticks transparent & hochfest

Revision: 17.07.2003
printing date: 09.12.2003

1. Identification of the substance/preparation and of the company/undertaking

Trade name:

Pattex hot Sticks transparent & hochfest

Intended use:

Hotmelt adhesive

Company name:

Henkel KGaA

Henkelstr. 67

40191 Düsseldorf

Phone: +492117970

Fax-no.:

Emergency information:

The Henkel information service also provides an around-the-clock telephone service on phone no. ++49-(0)211-797-3350 for exceptional cases.

The product is notified at the "Information Centers for Cases of Poisoning in Germany". These centers provide information by telephone day and night in poisoning cases. Central emergency phone number: ++49 (0) 30 19240

Information office (content SDS):

UA Safety, Health, Environment TEL: +49-(0)211-797-3044 FAX: +49-(0)211-798-8520 EMAIL: AAT-SHEQ@henkel.com

2. Composition / information on ingredients

General chemical description:

Hotmelt adhesive

Base substances of preparation:

Ethylene-vinyl acetate copolymer

Hydrocarbon resins

Declaration of ingredients:

Contains no dangerous substances exceeding the limits of the EU-Directive

3. Possible product risks

The product is not hazardous within the meaning of the valid (EU) preparation guideline.



4. First-aid measures

General information:

In case of adverse health effects seek medical advice.

After inhalation:

not relevant.

After skin contact:

After contact with the hot melt: cool with water, seek medical advice

After eye contact:

After contact with the hot melt: cool with water, seek medical advice

After ingestion:

If adverse health effects persist seek medical advice.

5. Fire-fighting measures

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

None known

Special protection equipment for fire-fighters:

No particular measures required.

Special hazards by the product itself:

None known

6. Accidental release measures

Personal precautions:

Ensure adequate ventilation.

Avoid contact with skin and eyes.

Process for cleaning and take-up:

Remove mechanically.

Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Handling:

No particular measures required.

Storage:

No particular measures required.

8. Exposure controls / personal protection

Additional information for system design:

Draw off vapours directly at the point of generation and exit. In the case of regular work, provide bench-mounted extraction equipment.

Respiratory protection:

Not necessary.



Hand protection:

Wear refractive gloves while working with the hot melt.

General protection and hygiene measures:

When using do not eat or drink.

Wash hands before work breaks and after finishing work.

9. Physical and chemical properties

General characteristics

Delivery state:	cartridges
State:	solid
Odor:	odorless
Color(s):	white

Phys./chem. properties:

Density (20 °C)	0,98 g/cm ³
Viscosity (dynamic) (160 °C)	25.000 - 33.000 mpa.s
Solubility (qualitative) (20 °C; Solvent: water)	insoluble
Melting point	200 °C
Softening point/range	87 - 97 °C

10. Stability and reactivity

Conditions to avoid:

Temperatures over appr. 230 °C

No decomposition if used according to specifications.

Materials to avoid:

None if used for intended purpose.

Dangerous decomposition products:

None if used for intended purpose.

At higher temperatures acetic acid may be released.

11. Toxicological information

General toxicological information:

On the basis of the existing data and the toxicological evaluation the product is not to be classified as harmful.

Acute inhalative toxicity:

In the event of protracted or repeated exposure, damage to health cannot be excluded.

Irritating to respiratory system

12. Ecological information

General ecological information:

If used properly the product is not toxic to water organisms after hardening.



Ultimate biodegradation:
The product is not readily biodegradable.

13. Disposal considerations

Product disposal:
Waste incineration or disposal with the approval of the responsible local authority.
The valid EEC waste code numbers are not product-related but are largely source-related. The manufacturer is therefore unable to specify EEC waste codes for the articles or products used in the various sectors. These can be requested from the manufacturer.

Disposal of uncleaned packages:
Use packages for recycling only when totally empty.

14. Transport information

General information:
Not hazardous according to RID/ADR, GGVS/GGVE, ADN, IMDG, ICAO-TI/IATA-DGR.

15. Regulations - classification and identification

Not subject of the identification regulations.

Hazard trigger:

Special declaration:

National regulations/information:

WGK:	Not a water-endangering product. (German VwVwS of May 17, 1999)
Storage class VCI:	Classification in conformity with the calculation method 11

16. Other information

Further information:
This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.