



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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ETICOL 425

sds no. : 327478

V001.2

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

Trade name:

ETICOL 425

Intended use:

Labelling glue for glass bottles, waterbased

Company name:

Henkel AG & Co. KGaA
Henkelstr. 67
40191 Düsseldorf

Germany

Phone: +49 (211) 797-0

Supplier:

Van Asperen Kleefstoffen B.V.
Vaartweg 106
8243 PP Lelystad

The Netherlands

Phone: +31 (0) 320 - 260261

Fax-no: +31 (0) 320 - 260050

E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.uk@uk.henkel.com

Emergency information:

24 Hours Emergency Tel: +44 (0)20 8312 0291

2. Hazards identification

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

3. Composition / information on ingredients

General chemical description:

Adhesive, water-based

Base substances of preparation:

Casein

Declaration of ingredients according to (EC) No 1907/2006:

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

4. First aid measures

General information:

If adverse health effects develop seek medical attention.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. If necessary, see a dermatologist.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice from a specialist.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire fighting measures

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

Wear protective equipment.

Hazardous combustion products:

carbon oxides., nitrogen oxides

6. Accidental release measures

Personal precautions:

Wear protective equipment.

Danger of slipping on spilled product.

See advice in chapter 8

Environmental precautions:

Do not empty into drains / surface water / ground water.

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Storage:

Ensure good ventilation/extraction.

Frost-sensitive

Store in a cool, dry place.

Temperatures between + 10 °C and + 25 °C

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

none

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (IIR; ≥ 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (IIR; ≥ 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Protective goggles

Skin protection:

Wear protective equipment.

General protection and hygiene measures:

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

Use only personal protection that's CE-labelled according to the regulation no. 819 of 19 August 1994.

9. Physical and chemical properties

General characteristics:

Appearance	liquid Liquid Off white
Odor:	Ammoniacal

Phys./chem. properties:

pH-value (20 °C (68 °F))	8,3 - 8,9
Boiling point	100 °C (212 °F)
Flash point	> 250 °C (> 482 °F)
Vapor pressure	Not available
Density (23 °C (73.4 °F))	1,1 g/cm ³
Viscosity (dynamic) (Brookfield; Instrument: RV; 23 °C (73.4 °F); speed of rotation: 5 min-1; Spindle No: 29)	50.000 - 105.000 mPa.s
Solubility (qualitative) (23 °C (73.4 °F); Solvent: Water)	largely soluble
VOC content (VOCV 814.018 VOC regulation CH)	0,00 %

10. Stability and reactivity

Conditions to avoid:

None if used for intended purpose.

Materials to avoid:

None if used for intended purpose.

Hazardous decomposition products:

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x) are released.

No decomposition if used according to specifications.

11. Toxicological information

General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

12. Ecological information

General ecological information:

Do not empty into drains, soil or bodies of water.

13. Disposal considerations

Product disposal:

The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

In consultation with the responsible local authority, must be subjected to special treatment.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

15. Regulations - classification and identification

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

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.