

# SAFETY DATA SHEET

Acc. To EC/1907/2006 (REACH)

Product : **HE1908**

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## 1. Name of product and company

- Product details :  
- two component polyurethane adhesive – **component B**
- Information on manufacturer / supplier :  
Address, telephone etc. :  
Engineering Chemicals BV  
van Andelstraat 7  
NL-4651 TA STEENBERGEN  
Holland  
Telephone : ..-31-(0)167-566984  
Telefax : ..-31-(0)167-561118  
Email : [e-chem@e-chem.nl](mailto:e-chem@e-chem.nl)  
Website : [www.e-chem.nl](http://www.e-chem.nl)
- Emergency information : Technical Department

## 2. Possible hazards

- not applicable

## 3. Composition / Information on components

- Chemical characterization: Polyetherpolyols

## 4. First aid measures

- After inhaling : Move to clear area. Treat symptomatically.
- After skin contact : Wash immediately with soap and water.
- After eye contact : Flush with clean lukewarm water for at least 15 minutes
- After swallowing : Give 1 or 2 cups milk or water.
- Information for doctor : Treatment is essentially symptomatic.

## 5. Fire fighting measures

- Suitable extinguishing agents:  
Dry chemical; Carbon Dioxide; Foam; Water spray for large fires.
- For safety reasons unsuitable extinguishing agents :  
Water is least desirable due to the liquid nature of product.
- Special hazards caused by the material, the preparation itself, its products of combustion or emerging gases: NA

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## 6. Measures for accidental release

- Person related precautions : Thoroughly wash adhesive from skin with water and soap.
- Environment related precautions : Remove and dispose of according to local regulations
- Methods for cleaning / collecting : NA

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## 7. Handling and storage

- Handling : Avoid contact with skin and eyes. Employee education and training in use of this product essential.
- Storage : Store in tightly closed containers.

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## 8. Exposure restrictions and personal protective equipment

- Information on design of technical systems :  
Reactive vapours heavier than air, downdraft ventilation preferred.
- Personal protective equipment:
  - General protective and hygiene measures :
  - Breathing protection: Not required
  - Hand protection : Rubber gloves
  - Eye protection : Safety glasses
  - Body protection : NA

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## 9. Physical and chemical properties

Form : Liquid  
Colour : Clear  
Smell : Odourless  
PH value : NA  
Boiling point / boiling range : Not determined (Decomposes)  
Melting point / melting range : Liquid above 25°C  
Flash point : 200°C Pensky-Martens Closed Cup ASTM D-93  
Ignition temperature : Not determined  
Self-inflammability : NA  
Danger of explosion : Only if in a tightly closed container in extreme heat

- Lower explosion limit : NA
- Upper explosion limit :

Fire supporting features :  
Vapour pressure : Approximately 1.5 x 10<sup>-5</sup> mmhg @ 25 °C  
Bulk density : 1.12 kg per litre at 25°C  
Water solubility : reacts (A component)  
Fat solubility :  
Distribution coefficient :  
Viscosity : Approximately 3000 CPS  
Additional information :

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## 10. Stability and reactivity

- Conditions to be avoided : Contact with moisture or other materials which react with isocyanate may cause polymerisation.
- Materials to be avoided : Water; Amines; Alcohols; Metal compounds.
- Dangerous substances produced by decomposition : By heat and fire; carbon dioxide, carbon monoxide, oxides of nitrogen.

## 11. Toxicological information

- Primary irritant effects :
  - On skin : No irritation
  - On eyes : No irritation

## 12. Ecological information

NA

## 13. Advises for disposal

- Product : Product must be disposed of according to all local environmental control regulations.
- Uncleaned packagings : Empty containers can be recycled

## 14. Information on transport

- Land transport (acc. to ADR/RID and GGVS/GGVE): non dangerous goods
  - ADR/RID/GGVS/GGVE-class :
  - Number/letter :
  - UN-number :
  - Technical description :
  - Marking :
- Ship transport (acc. to IMDG/GGV Sea): non dangerous goods
  - IMDG/GGV sea class :
  - Page :
  - UN number :
  - EMS number :
  - MFAG board number :
  - Marine pollutant :
  - Technical description :
  - Marking :
- Air transport (acc. to ICAO-TI and IATA-DGR): non dangerous goods
  - ICAO/IATA class :
  - UN-number :
  - Technical description :
  - Marking :

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## 15. Regulations

- Marking acc. to EC-regulations:
    - Hazard symbol :
    - R. phrases :
    - S.phrases :
  - Special markings: NA
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## 16. Other information

The information in this Safety Data Sheet is based on our present knowledge. However, it does not represent a guarantee for any specific product features and does not establish a contractual relationship.

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