

Safety Data Sheet according to (EC) No 1907/2006

Page 1 of 5

sds no.: 283161

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UniBond No More Nails Removable

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

Product identifier:

UniBond No More Nails Removable

Relevant identified uses of the substance or mixture and uses advised against:

Intended use:

Assembly adhesive, reaction

Details of the supplier of the safety data sheet:

Henkel Limited Apollo Court, 2 Bishop Square Business Park Hatfield, Hertfordshire AL10 9EY

Great Britain

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Emergency telephone number:

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

2. Hazards identification

Classification of the substance or mixture:

Classification (DPD):

No classification required.

Label elements (DPD):

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.

Other hazards:

Evolves methanol during cure.

3. Composition/information on ingredients

General chemical description:

1-Component assembly adhesive

Base substances of preparation:

sulfonic acid ester Mineral fillers

Declaration of ingredients according to DPD (EC) No 1999/45:

| Hazardous components CAS-No. | EINECS REACH-Reg No. | content | Classification |
|---------------------------------|-------------------------|---------|------------------------|
| Trimethoxyvinylsilane 2768-02-7 | 220-449-8 | < 2,5 % | Xn - Harmful; R10, R20 |

For full text of the R-Phrases indicated by codes see section 16 'Other Information'. Substances without classification may have community workplace exposure limits available.

4. First aid measures

Description of first aid measures:

General information:

In case of adverse health effects seek medical advice.

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.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

Most important symptoms and effects, both acute and delayed:

No data available.

Indication of any immediate medical attention and special treatment needed:

See section: Description of first aid measures

5. Firefighting measures

Extinguishing media:

Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

Special hazards arising from the substance or mixture:

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) can be released.

Advice for firefighters:

Wear self-contained breathing apparatus.

Wear protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment.

Environmental precautions:

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

Methods and material for containment and cleaning up:

Remove mechanically.

Dispose of contaminated material as waste according to Chapter 13.

Reference to other sections:

See advice in chapter 8

7. Handling and storage

Precautions for safe handling:

Ensure that workrooms are adequately ventilated.

Hygiene measures:

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

Conditions for safe storage, including any incompatibilities:

Keep away from heat and direct sunlight.

Temperatures between 0 °C and + 40 °C

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

Specific end use(s):

Assembly adhesive, reaction

8. Exposure controls/personal protection

Control parameters:

Valid for

Great Britain

| Ingredient | ppm mg/m³ Type | | Category | Remarks | |
|------------|----------------|-----|-----------------------|-----------------------------|----------|
| METHANOL | | | Skin designation: | Can be absorbed through the | ECTLV |
| 67-56-1 | | | | skin. | |
| METHANOL | 250 | 333 | Short Term Exposure | | EH40 WEL |
| 67-56-1 | | | Limit (STEL): | | |
| METHANOL | | | Skin designation: | Can be absorbed through the | EH40 WEL |
| 67-56-1 | | | | skin. | |
| METHANOL | 200 | 266 | Time Weighted Average | | EH40 WEL |
| 67-56-1 | | | (TWA): | | |
| METHANOL | 200 | 260 | Time Weighted Average | Indicative | ECTLV |
| 67-56-1 | | | (TWA): | | |

Exposure controls:

Respiratory protection:

When processing large amounts.

Suitable breathing mask when there is inadequate ventilation.

Hand protection:

Recommended are gloves made from Nitril rubber (Material thickness >0,1 mm). Gloves should be replaced after each short time contact or contamination. Available at Laboratory specialized trade an pharmacy/chemist shop`s.

Eye protection:

Protective goggles

Skin protection:

Suitable protective clothing

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance Paste

pasty

white Odor odorless

> pΗ No data available. Initial boiling point No data available. Flash point No data available. Decomposition temperature No data available. No data available. Vapour pressure Density 1,45 - 1,55 g/cm3

(20 °C (68 °F))

No data available. Bulk density Viscosity No data available. Viscosity (kinematic) No data available. Explosive properties No data available. Solubility (qualitative) Miscible

(20 °C (68 °F); Solvent: Water)

Solidification temperature

No data available. Melting point No data available. Flammability No data available. Auto-ignition temperature No data available. Explosive limits No data available. Partition coefficient: n-octanol/water No data available. Evaporation rate No data available. Vapor density No data available. Oxidising properties No data available.

Other information:

No data available.

10. Stability and reactivity

Reactivity:

None if used for intended purpose.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

See section reactivity

Conditions to avoid:

None if used for intended purpose.

Incompatible materials:

None if used properly.

Hazardous decomposition products:

None known

11. Toxicological information

General toxicological information:

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

12. Ecological information

General ecological information:

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following. Do not empty into drains, soil or bodies of water.

Toxicity:

| Hazardous components CAS-No. | Value type | Value | Acute Toxicity | Exposure time | Species | Method |
|------------------------------|---------------|------------|-------------------|---------------|---------------------|-------------------|
| | | | Study | | | |
| Trimethoxyvinylsilane | LC50 | 191 mg/l | Fish | 96 h | Oncorhynchus mykiss | OECD Guideline |
| 2768-02-7 | | | | | | 203 (Fish, Acute |
| | | | | | | Toxicity Test) |
| Trimethoxyvinylsilane | EC50 | > 100 mg/l | Daphnia | 48 h | Daphnia magna | OECD Guideline |
| 2768-02-7 | | | | | | 202 (Daphnia sp. |
| | | | | | | Acute |
| | | | | | | Immobilisation |
| | | | | | | Test) |
| Trimethoxyvinylsilane | EC50 | > 100 mg/l | Algae | 72 h | | OECD Guideline |
| 2768-02-7 | | | | | | 201 (Alga, Growth |
| | | | | | | Inhibition Test) |

13. Disposal considerations

Waste treatment methods:

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

14. Transport information

General information:

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

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

VOC content 0,0 (VOCV 814.018 VOC regulation CH)

16. Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

R10 Flammable.

R20 Harmful by inhalation.

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.