



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

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Pattex PL 300 Transparent

SDS No. : 414647  
V002.0

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Pattex PL 300 Transparent

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:

Assembly adhesive, reaction

#### 1.3. Details of the supplier of the safety data sheet

Henkel AG & Co. KGaA

Henkelstr. 67

40589 Düsseldorf

Germany

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ua-productsafety.de@henkel.com

#### 1.4. Emergency telephone number

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

Further information is available at Poison Control Centers.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

|| The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

##### Precautionary statement:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

**2.3. Other hazards**

Evolves methanol during cure.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

### SECTION 3: Composition/information on ingredients

**3.2. Mixtures****General chemical description:**

1-Component assembly adhesive

**Base substances of preparation:**

Reaction product of : Silane & Polyole

Auxiliary

Filler

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No.   | EC Number<br>REACH-Reg No. | content  | Classification  |
|-----------------------------------|----------------------------|----------|---|
| Vinyltrihydroxysilane<br>143-48-6 |                            | 1- < 5 % | Acute Tox. 4; Inhalation<br>H332<br>STOT RE 2<br>H373 |

For full text of the H - statements and other abbreviations see section 16 "Other information".

Substances without classification may have community workplace exposure limits available.

### SECTION 4: First aid measures

**4.1. 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.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

See section: Description of first aid measures

### SECTION 5: Firefighting measures

**5.1. 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

**5.2. Special hazards arising from the substance or mixture**

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus.  
Wear protective equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.  
Ensure adequate ventilation.  
Avoid contact with skin and eyes.

**6.2. Environmental precautions**

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

**6.3. Methods and material for containment and cleaning up**

Remove mechanically.  
Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Ensure that workrooms are adequately ventilated.  
Avoid skin and eye contact.

## Hygiene measures:

Wash hands before work breaks and after finishing work.  
Do not eat, drink or smoke while working.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in sealed original container.  
Store in a cool, dry place.  
Temperatures between + 5 °C and + 25 °C  
Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Assembly adhesive, reaction

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Germany

| Ingredient [Regulated substance]  | ppm | mg/m <sup>3</sup> | Value type                          | Short term exposure limit category / Remarks   | Regulatory list |
|-----------------------------------|-----|-------------------|-------------------------------------|--|-----------------|
| Methanol<br>67-56-1<br>[METHANOL] | 200 | 260               | Time Weighted Average (TWA):        | Indicative   | ECLTV           |
| Methanol<br>67-56-1               |     |                   | Skin designation:                   | Can be absorbed through the skin.  | TRGS 900        |
| Methanol<br>67-56-1               | 200 | 270               | Exposure limit(s):                  | 4<br>If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7). | TRGS 900        |
| Methanol<br>67-56-1               |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect.  | TRGS 900        |

#### Biological Exposure Indices:

None

### 8.2. Exposure controls:

Respiratory protection:  
Suitable breathing mask when there is inadequate ventilation.  
Filter : AX (EN 14387)  
This recommendation should be matched to local conditions.

Hand protection:  
Not needed.

Eye protection:  
Not needed.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                            |                                    |
|----------------------------|------------------------------------|
| Appearance                 | paste<br>pasty<br>transparent      |
| Odor                       | alcohol-like                       |
| Odour threshold            | No data available / Not applicable |
| pH                         | No data available / Not applicable |
| Melting point              | No data available / Not applicable |
| Solidification temperature | No data available / Not applicable |
| Initial boiling point      | No data available / Not applicable |
| Flash point                | 109 °C (228.2 °F); no method       |
| Evaporation rate           | No data available / Not applicable |
| Flammability               | No data available / Not applicable |
| Explosive limits           | No data available / Not applicable |
| Vapour pressure            | No data available / Not applicable |
| Relative vapour density:   | No data available / Not applicable |
| Density<br>(20 °C (68 °F)) | 1,05 g/cm <sup>3</sup>             |
| Bulk density               | No data available / Not applicable |
| Solubility                 | No data available / Not applicable |

|   |                                    |
|---|------------------------------------|
| Solubility (qualitative)<br>(23 °C (73.4 °F); Solvent: Water) | Insoluble                          |
| Partition coefficient: n-octanol/water                        | No data available / Not applicable |
| Auto-ignition temperature                                     | No data available / Not applicable |
| Decomposition temperature                                     | No data available / Not applicable |
| Viscosity   | No data available / Not applicable |
| Viscosity (kinematic)   | No data available / Not applicable |
| Explosive properties  | No data available / Not applicable |
| Oxidising properties  | No data available / Not applicable |

**9.2. Other information**

No data available / Not applicable

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

None if used for intended purpose.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

None if used for intended purpose.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

Evolves methanol during cure.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects****Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.   | Value<br>type | Value       | Species | Method  |
|-----------------------------------|---------------|-------------|---------|---|
| Vinyltrihydroxysilane<br>143-48-6 | LD50          | 7.120 mg/kg | rat     | equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) |

**Acute dermal toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.   | Value<br>type | Value       | Species | Method  |
|-----------------------------------|---------------|-------------|---------|---|
| Vinyltrihydroxysilane<br>143-48-6 | LD50          | 3.259 mg/kg | rabbit  | equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity) |

**Acute inhalative toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.      | Value type | Value     | Test atmosphere | Exposure time | Species | Method  |
|-----------------------------------|------------|-----------|-----------------|---------------|---------|---|
| Vinyltrihydroxysilane<br>143-48-6 | LC50       | 16,8 mg/l | vapour          | 4 h           | rat     | equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity) |

**Skin corrosion/irritation:**

No data available.

**Serious eye damage/irritation:**

No data available.

**Respiratory or skin sensitization:**

No data available.

**Germ cell mutagenicity:**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

No data available.

**STOT-repeated exposure::**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances CAS-No.      | Result / Value     | Route of application  | Exposure time / Frequency of treatment  | Species | Method   |
|-----------------------------------|--------------------|-----------------------|---|---------|--|
| Vinyltrihydroxysilane<br>143-48-6 | NOAEL < 62,5 mg/kg | oral: gavage          | 42d daily                               | rat     | OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| Vinyltrihydroxysilane<br>143-48-6 | NOAEL 0,605 mg/l   | inhalation:<br>vapour | 5 days/week for 14 weeks<br>6 hours/day | rat     | not specified  |

**Aspiration hazard:**

No data available.

## SECTION 12: Ecological information

### General ecological information:

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

### 12.1. Toxicity

#### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.   | Value<br>type | Value    | Exposure time | Species             | Method   |
|-----------------------------------|---------------|----------|---------------|---------------------|--|
| Vinyltrihydroxysilane<br>143-48-6 | LC50          | 191 mg/l | 96 h          | Oncorhynchus mykiss | OECD Guideline 203 (Fish, Acute Toxicity Test) |

#### Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.   | Value<br>type | Value      | Exposure time | Species       | Method                                     |
|-----------------------------------|---------------|------------|---------------|---------------|--|
| Vinyltrihydroxysilane<br>143-48-6 | EC50          | 168,7 mg/l | 48 h          | Daphnia magna | EU Method C.2 (Acute Toxicity for Daphnia) |

#### Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.   | Value<br>type | Value     | Exposure time | Species       | Method                                      |
|-----------------------------------|---------------|-----------|---------------|---------------|---|
| Vinyltrihydroxysilane<br>143-48-6 | NOEC          | 28,1 mg/l | 21 d          | Daphnia magna | OECD 211 (Daphnia magna, Reproduction Test) |

#### Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.   | Value<br>type | Value      | Exposure time | Species                 | Method                                |
|-----------------------------------|---------------|------------|---------------|-------------------------|---------------------------------------|
| Vinyltrihydroxysilane<br>143-48-6 | EC50          | > 957 mg/l | 72 h          | Desmodesmus subspicatus | EU Method C.3 (Algal Inhibition test) |
| Vinyltrihydroxysilane<br>143-48-6 | NOEC          | 957 mg/l   | 72 h          | Desmodesmus subspicatus | EU Method C.3 (Algal Inhibition test) |

#### Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.   | Value<br>type | Value      | Exposure time | Species   | Method   |
|-----------------------------------|---------------|------------|---------------|---|--|
| Vinyltrihydroxysilane<br>143-48-6 | EC50          | > 100 mg/l | 3 h           | activated sludge of a predominantly domestic sewage | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |

### 12.2. Persistence and degradability

| Hazardous substances<br>CAS-No.   | Result                     | Test type | Degradability | Exposure time | Method  |
|-----------------------------------|----------------------------|-----------|---------------|---------------|---|
| Vinyltrihydroxysilane<br>143-48-6 | not readily biodegradable. | aerobic   | 51 %          | 28 d          | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |

### 12.3. Bioaccumulative potential

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

**12.6. Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****13.1. 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

080410

**SECTION 14: Transport information****14.1. UN number**

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

**14.2. UN proper shipping name**

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

**14.3. Transport hazard class(es)**

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

**14.4. Packing group**

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

**14.5. Environmental hazards**

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

**14.6. Special precautions for user**

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

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

VOC content 0,00 %

(VOCV 814.018 VOC regulation  
CH)



**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**National regulations/information (Germany):**

|                                      |   |
|--------------------------------------|---|
| WGK:                                 | WGK 1: slightly hazardous to water (Ordinance on facilities for handling substances that are hazardous to water (AwSV) )<br>Classification according to AwSV, Annex 1 (5.2) |
| Storage class according to TRGS 510: | 11  |

**SECTION 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:

H332 Harmful if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

**Further information:**

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