



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

Page 1 of 5

LOCTITE 5400,,

sds no. : 414458  
V001.3

Revision: 04.03.2011  
printing date: 05.07.2013

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

**Product identifier:**

LOCTITE 5400,,

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

Intended use:

Anaerobic Adhesive

**Details of the supplier of the safety data sheet:**

Henkel Limited

2 Bishop Square Business Park

AL109EY Herfordshire Hatfield

Great Britain

Phone: +44 1606 593933

Fax-no.: +44 1606 863762

ua-productsafety.uk@uk.henkel.com

**Emergency telephone number:**

24 Hours Emergency Tel: +44 (0)1442 278497

### 2. Hazards identification

**Classification of the substance or mixture:**

**Classification (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.

**Label elements (DPD):**

Risk phrases:

Not classified as hazardous.

**Other hazards:**

None if used properly.

### 3. Composition/information on ingredients

**General chemical description:**

Anaerobic adhesive

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

No data available.

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

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

#### 4. First aid measures

**Description of first aid measures:**

**Inhalation:**

Move to fresh air. If symptoms persist, seek medical advice.

**Skin contact:**

Rinse with running water and soap.  
Seek medical advice.

**Eye contact:**

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Ingestion:**

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.  
Seek medical advice.

**Most important symptoms and effects, both acute and delayed:**

Prolonged or repeated contact may cause skin irritation.

**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

**Extinguishing media which must not be used for safety reasons:**

None known

**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.  
In case of fire, keep containers cool with water spray.

**Advice for firefighters:**

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Avoid skin and eye contact.  
Ensure adequate ventilation.

**Environmental precautions:**

Do not let product enter drains.

**Methods and material for containment and cleaning up:**

For small spills wipe up with paper towel and place in container for disposal.  
For large spills absorb onto inert absorbent material and place in sealed container for disposal.

**Reference to other sections:**

See advice in chapter 8

#### 7. Handling and storage

**Precautions for safe handling:**

- Use only in well-ventilated areas.
- Avoid skin and eye contact.
- Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

**Hygiene measures:**

- Good industrial hygiene practices should be observed.
- Wash hands before work breaks and after finishing work.
- Do not eat, drink or smoke while working.

**Conditions for safe storage, including any incompatibilities:**

- Ensure good ventilation/extraction.
- Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

**Specific end use(s):**

- Anaerobic Adhesive

## 8. Exposure controls/personal protection

**Control parameters:****Exposure controls:****Respiratory protection:**

- Use only in well-ventilated areas.

**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 (NBR;  $\geq 0.4$  mm thickness)
- Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
  - nitrile rubber (NBR;  $\geq 0.4$  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:**

- Wear protective glasses.

**Skin protection:**

- Wear suitable protective clothing.

## 9. Physical and chemical properties

**Information on basic physical and chemical properties:**

|                           |                                       |
|---------------------------|---------------------------------------|
| Appearance                | paste                                 |
|                           | paste                                 |
| Odor                      | yellow, dark orange<br>characteristic |
| pH                        | No data available / Not applicable    |
| Initial boiling point     | No data available / Not applicable    |
| Flash point               | No data available / Not applicable    |
| Decomposition temperature | No data available / Not applicable    |
| Vapour pressure           | No data available / Not applicable    |
| Density                   | No data available / Not applicable    |
| Bulk density              | 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 |
| Solubility (qualitative)               | No data available / Not applicable |
| Solidification temperature             | No data available / Not applicable |
| Melting point                          | No data available / Not applicable |
| Flammability                           | No data available / Not applicable |
| Auto-ignition temperature              | No data available / Not applicable |
| Explosive limits                       | No data available / Not applicable |
| Partition coefficient: n-octanol/water | No data available / Not applicable |
| Evaporation rate                       | No data available / Not applicable |
| Vapor density                          | No data available / Not applicable |
| Oxidising properties                   | No data available / Not applicable |

**Other information:**

No data available / Not applicable

## 10. Stability and reactivity

**Reactivity:**

Peroxides.

**Chemical stability:**

Stable under recommended storage conditions.

**Possibility of hazardous reactions:**

See section reactivity

**Conditions to avoid:**

Stable under normal conditions of storage and use.

**Incompatible materials:**

None if used properly.

**Hazardous decomposition products:**

carbon oxides.

## 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.

**Oral toxicity:**

May cause irritation to the digestive tract.

**Inhalative toxicity:**

May cause irritation to respiratory system.

**Skin irritation:**

Prolonged or repeated contact may cause skin irritation.

**Eye irritation:**

May cause mild irritation to the eyes.

## 12. Ecological information

### General ecological information:

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

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.

### Ecotoxicity:

No data available.

### Mobility:

Cured adhesives are immobile.

### Persistence and Biodegradability:

The product is not biodegradable.

## 13. Disposal considerations

### Waste treatment methods:

Product disposal:

Dispose of in accordance with local and national regulations.

Contribution of this product to waste is very insignificant in comparison to article in which it is used

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Disposal must be made according to official regulations.

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 < 3 %  
(1999/13/EC)

## 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.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 1999/45/EC.