



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

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Loc 595 RTV Clear 12x100ml EDFN

sds no. : 162662  
V003.1

Revision: 16.07.2012  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Loc 595 RTV Clear 12x100ml EDFN

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

Intended use:  
Silicone sealant

#### 1.3. 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

#### 1.4. Emergency telephone number

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

### SECTION 2: Hazards identification

#### 2.1. 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.

#### 2.2. Label elements

##### 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.

#### 2.3. Other hazards

None if used properly.

### SECTION 3: Composition/information on ingredients

#### General chemical description:

Acetoxy curing silicone

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

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

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

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

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation:**

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

**Skin contact:**

Rinse with running water and soap.  
Obtain medical attention if irritation persists.

**Eye contact:**

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

**Ingestion:**

Do not induce vomiting.  
Seek medical advice.

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

Prolonged or repeated contact may cause skin irritation.

Prolonged or repeated contact may cause eye irritation.

**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  
Fine water spray

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

None known

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

carbon oxides.  
Silica fume  
Formaldehyde

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus.

**Additional information:**

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

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.  
Ensure adequate ventilation.

**6.2. Environmental precautions**

Do not let product enter drains.

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

Scrape up as much material as possible.  
Ensure adequate ventilation.  
Store in a partly filled, closed container until disposal.

### 6.4. Reference to other sections

See advice in chapter 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use only in well-ventilated areas.  
Vapours should be extracted to avoid inhalation.  
See advice in chapter 8

#### 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.

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

Store in a cool, well-ventilated place.  
Never allow product to get in contact with water during storage

### 7.3. Specific end use(s)

Silicone sealant

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Valid for  
Great Britain

None

### 8.2. Exposure controls:

#### Engineering controls:

Ensure good ventilation/extraction.

#### Respiratory protection:

Ensure adequate ventilation.  
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area  
Filter type: A

#### 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.

## SECTION 9: Physical and chemical properties

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

Appearance	paste colourless
Odor	Acetic acid
pH	not applicable
Initial boiling point	Not determined
Flash point	> 100 °C (> 212 °F)
Decomposition temperature	No data available / Not applicable
Vapour pressure	Not determined
Density	1,02 g/cm <sup>3</sup>
( )	
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)	Polymerises in presence of water.
Solubility (qualitative) (Solvent: Acetone)	Insoluble
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

### 9.2. Other information

No data available / Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Strong oxidizing agents.  
Polymerises in presence of water.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

Stable under normal conditions of storage and use.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

Acetic acid is liberated slowly upon contact with moisture.  
At higher temperatures (>150C) may release formaldehyde (traces).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### 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:

This material is considered to have low toxicity if swallowed.

#### Inhalative toxicity:

Acetic acid is liberated slowly upon contact with moisture.

Inhalation of vapors in high concentration may cause irritation of respiratory system

#### Skin irritation:

Prolonged or repeated contact may cause skin irritation.

#### Eye irritation:

Acetic acid released during polymerisation of acetoxy curing RTV silicones is irritating to the eyes

## SECTION 12: Ecological information

#### General ecological information:

Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.

In the cured state contribution of this product to Environmental Hazards is insignificant in comparison to articles in which it is used.

Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

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:

It is expected to be non hazardous to aquatic species.

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

#### Mobility:

Cured adhesives are immobile.

#### Persistence and Biodegradability:

The product is not biodegradable.

#### Bioaccumulative potential:

Does not bioaccumulate.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Product disposal:

Dispose of in accordance with local and national regulations.

#### 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

## SECTION 14: Transport information

#### Road transport ADR:

Not dangerous goods

**Railroad transport RID:**

Not dangerous goods

**Inland water transport ADN:**

Not dangerous goods

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

VOC content < 5 %  
(1999/13/EC)

## SECTION 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.