



## Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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Loctite 7455

SDS no. : 173277

V001.3

Revision: 19.02.2009

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

**Trade name:**

Loctite 7455

**Intended use:**

activator

**Company name:**

Henkel AG & Co. KGaA

Henkelstr. 67

40191 Düsseldorf

Germany

Phone: +49 (211) 797-0

**E-mail address of person responsible for Safety Data Sheet:**

ua-productsafety.uk@uk.henkel.com

**Emergency information:**

24 Hours Emergency Tel: +44(0)8701906777

### 2. Hazards identification

Solvent may remove essential oils from the skin making it susceptible to attack from other chemicals.

R11 Highly flammable.

R38 Irritating to skin.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. Composition / information on ingredients

**General chemical description:**

Solvent based activator.

**Declaration of ingredients according to (EC) No 1907/2006:**

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
n-Heptane 142-82-5	205-563-8	80 - 100 %	F - Highly flammable; R11 Xn - Harmful; R65 Xi - Irritant; R38 N - Dangerous for the environment; R50, R53 R67
Benzenamine, N,N,4-trimethyl- 99-97-8	202-805-4	0,1 - 1 %	T - Toxic; R23/24/25 R52, R53 R33

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

**Inhalation:**

Move to fresh air.  
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 mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.  
Seek medical advice.

#### 5. Fire fighting measures

**Combustion behaviour:**

Solvent containing flammable product. In case of fire toxic gases are released.

**Suitable extinguishing media:**

foam, extinguishing powder, carbon dioxide.

**Special protection equipment for firefighters:**

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

**Hazardous combustion products:**

Oxides of carbon, oxides of nitrogen, irritating organic vapors.

**Additional information:**

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

#### 6. Accidental release measures

**Personal precautions:**

Avoid skin and eye contact.  
Remove sources of ignition.  
Ensure adequate ventilation.

**Environmental precautions:**

Do not let product enter drains.

**Clean-up methods:**

Wipe up using absorbent material  
Store in a partly filled, closed container until disposal.

#### 7. Handling and storage

**Handling:**

Avoid skin and eye contact.  
Keep away from sources of ignition - no smoking.  
Vapours should be extracted to avoid inhalation.

**Storage:**

Store in a cool, dry place.  
Do not store near sources of heat or ignition, or reactive materials.

**8. Exposure controls / personal protection****Components with specific control parameters for workplace:**

Valid for  
Great Britain  
Basis  
UK EH40 WELs

Ingredient	ppm	mg/m3	Type	Category	Remarks
N-HEPTANE 142-82-5	500		Time Weighted Average (TWA).		EH40 WEL
N-HEPTANE 142-82-5	500	2.085	Time Weighted Average (TWA).		EU-2000/39/EC

**Respiratory protection:**

Do not inhale vapors and fumes.  
Use only in well-ventilated areas.

**Hand protection:**

The use of chemical resistant gloves such as Nitrile are recommended.  
In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended.

**Eye protection:**

Wear protective glasses.

**Skin protection:**

suitable protective clothing

**General protection and hygiene measures:**

Good industrial hygiene practices should be observed.

**9. Physical and chemical properties****General characteristics:**

Appearance liquid  
colourless  
Odor: Aliphatic

**Phys./chem. properties:**

pH-value not applicable  
Boiling point 96 - 98 °C (204.8 - 208.4 °F)  
Flash point -2 °C (28.4 °F)  
Vapor pressure 46,7 mbar  
Density 0,68 g/cm3  
( )  
Solubility (qualitative) Not miscible  
(Solvent: Water)  
Explosion limit  
lower [vol%] 1,1 % (V)  
upper [vol%] 6,7 % (V)  
Vapor density: 3,5  
(Air = 1)  
Ignition temperature 203 °C (397.4 °F)  
VOC content 100 %  
(1999/13/EC)

## 10. Stability and reactivity

**Conditions to avoid:**

Stable under normal conditions of storage and use.  
Heat, fumes, sparks and other sources of ignition.

**Materials to avoid:**

Strong oxidizing agents.

**Hazardous decomposition products:**

None if used for intended purpose.

## 11. Toxicological information

**Oral toxicity:**

Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

**Inhalative toxicity:**

May cause headache and dizziness.

**Skin irritation:**

The product is irritant to skin and mucous membranes.

**Eye irritation:**

Prolonged or repeated contact may cause eye irritation.

## 12. Ecological information

**General ecological information:**

Very toxic to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.  
Do not empty into drains / surface water / ground water.

## 13. Disposal considerations

**Product disposal:**

Dispose of according to regulations.

**Waste code(EWC):**

14 06 03 - other solvents and solvent mixtures

**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.

## 14. Transport information

**Road transport ADR:**

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1206
Label:	3
Technical name:	HEPTANES (solution)

**Railroad transport RID:**

Class: 3  
Packaging group: II  
Classification code: F1  
Hazard ident. number: 33  
UN no.: 1206  
Label: 3  
Technical name: HEPTANES (solution)

**Inland water transport ADN:**

Class: 3  
Packaging group: II  
Classification code: F1  
Hazard ident. number:  
UN no.: 1206  
Label: 3  
Technical name: HEPTANES (solution)

**Marine transport IMDG:**

Class: 3  
Packaging group: II  
UN no.: 1206  
Label: 3  
EmS: F-E ,S-D  
Seawater pollutant: -  
Proper shipping name: HEPTANES (solution)

**Air transport IATA:**

Class: 3  
Packaging group: II  
Packaging instructions (passenger) 305  
Packaging instructions (cargo) 307  
UN no.: 1206  
Label: 3  
Proper shipping name: Heptanes (solution)

**15. Regulations - classification and identification**

**Indication of danger:**

F - Highly flammable

Xn - Harmful

N - Dangerous for the environment



**Contains**  
n-Heptane

**Risk phrases:**

- R11 Highly flammable.
- R38 Irritating to skin.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R67 Vapours may cause drowsiness and dizziness.

**Safety phrases:**

- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour.
- S28 After contact with skin, wash immediately with plenty of water and soap.
- S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
- S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## 16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

- R11 Highly flammable.
- R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- R33 Danger of cumulative effects.
- R38 Irritating to skin.
- R50 Very toxic to aquatic organisms.
- R52 Harmful to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R67 Vapours may cause drowsiness and dizziness.

**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.