



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

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Loctite 7649

SDS no. : 179515
V001.5

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RS REACH MSDS Date 01/02/08

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

Trade name:

Loctite 7649

Intended use:

activator

Company name:

Henkel Loctite Adhesives Ltd
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

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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

Supplied by:

RS Components Ltd,
Birchington Road, Corby, Northants, NN17 9RS.
Tel: +44 (0) 1536 402888 (8am to 8pm)
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2. Hazards identification

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R12 Extremely flammable.

The aerosol container is under pressure. Do not expose to high temperatures

3. Composition / information on ingredients

General chemical description:

Solvent based activator

Declaration of ingredients according to EC/1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Acetone 67-64-1	200-662-2	80 - 100 %	F - Highly flammable; R11 Xi - Irritant; R36 R66 R67
Propane 74-98-6	200-827-9	10 - 20 %	F+ - Extremely flammable; R12

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. 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.

5. Fire fighting measures

Suitable extinguishing media:

carbon dioxide, foam, powder

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.
Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Clean-up methods:

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.

7. Handling and storage

Handling:

Use only in well-ventilated areas.
Vapours should be extracted to avoid inhalation
Keep away from sources of ignition - no smoking.

Storage:

Store in a cool, well-ventilated place.
Keep away from heat and direct sunlight.

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

Valid for

Great Britain

Basis

UK EH40 WELs

Ingredient	ppm	mg/m ³	Type	Category	Remarks
ACETONE 67-64-1	500	1.210	Time Weighted Average (TWA).		EH40 WEL
ACETONE 67-64-1	1.500	3.620	Short Term Exposure Limit (STEL):		EH40 WEL
ACETONE 67-64-1				Listed.	EH40 WEL
ACETONE 67-64-1	500	1.210	Time Weighted Average (TWA).		EU-2000/39/EC
ACETONE 67-64-1				Listed.	EU-2000/39/EC

Respiratory protection:

Use only in well-ventilated areas.

Hand protection:

The use of chemical resistant gloves such as Neoprene or Natural Rubber are recommended

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. 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.

General protection and hygiene measures:

Good industrial hygiene practices should be observed

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

Appearance

liquid

green

Odor:

pungent

Phys./chem. properties:

pH-value

not applicable

Boiling point

56 °C (132.8 °F)

Flash point

-18 °C (0.4 °F)

Vapor pressure

230 mbar

(20 °C (68 °F))

Density

0,8 g/cm³

(20 °C (68 °F))

Solubility (qualitative)

miscible

(Solvent: Water)

Solubility (qualitative)

soluble

(Solvent: Acetone)

Explosion limit

lower [vol%]

2,5 % (V)

upper [vol%]

13 % (V)

VOC content

99 %

(1999/13/EC)

10. Stability and reactivity

Conditions to avoid:

Stable

Materials to avoid:

Reacts with strong oxidants.

Hazardous decomposition products:

Irritating organic vapours

11. Toxicological information

Oral toxicity:

This material is considered to have low toxicity if swallowed.

Inhalative toxicity:

May cause headache and dizziness.

Skin irritation:

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

Eye irritation:

Irritating to eyes.

12. Ecological information

Ecotoxicity:

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

Mobility:

The product evaporates readily.

Persistence and Biodegradability:

No data available.

Bioaccumulative potential:

No data available.

13. Disposal considerations

Product disposal:

Dispose of in accordance with local and national regulations.

Waste code(EWC):

14 06 03 - other solvents and solvent mixtures

Disposal of uncleaned packages:

Disposal must be made according to official regulations.

14. Transport information

Road transport ADR:

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

Railroad transport RID:

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	23
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

Inland water transport ADN:

Class:	2
Packaging group:	
Classification code:	5F
Hazard ident. number:	
UN no.:	1950
Label:	2.1
Technical name:	AEROSOLS

Marine transport IMDG:

Class:	2.1
Packaging group:	
UN no.:	1950
Label:	2.1
EmS:	F-D ,S-U
Seawater pollutant:	-
Proper shipping name:	AEROSOLS

Air transport IATA:

Class:	2.1
Packaging group:	
Packaging instructions (passenger)	203
Packaging instructions (cargo)	203
UN no.:	1950
Label:	2.1
Proper shipping name:	Aerosols, flammable

15. Regulations - classification and identification**Indication of danger:**

Xi - Irritant

F+ - Extremely flammable

**Risk phrases:**

- R12 Extremely flammable.
- R36 Irritating to eyes.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

- S23 Do not breathe vapour.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.
- S51 Use only in well-ventilated areas.

Additional labeling:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50° C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

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.
- R12 Extremely flammable.
- R36 Irritating to eyes.
- R66 Repeated exposure may cause skin dryness or cracking.
- 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.