



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

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Loctite 3020

SDS no. : 173455

V001.3

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

**Trade name:**

Loctite 3020

**Intended use:**

Sealant

**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

**Relevant routes of exposure:**

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

R12 Extremely flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. Composition / information on ingredients

**General chemical description:**

Sealant

**Declaration of ingredients according to EC/1907/2006:**

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Acetone 67-64-1	200-662-2	24 - 40 %	F - Highly flammable; R11 Xi - Irritant; R36 R66 R67
Propane 74-98-6	200-827-9	10 - 25 %	F+ - Extremely flammable; R12
Butanone 78-93-3	201-159-0	10 - 25 %	F - Highly flammable; R11 Xi - Irritant; R36 R66 R67
Pentane 109-66-0	203-692-4	5 - 10 %	F+ - Extremely flammable; R12 Xn - Harmful; R65 R66 R67 N - Dangerous for the environment; R51, R53
White Spirit 64742-82-1	265-185-4	5 - 10 %	Xn - Harmful; R10, R65

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.

**Special hazards by the product itself:**

Cool aerosol containers with jet of water. Containers may explode.

**Hazardous combustion products:**

Oxides of carbon.

#### 6. Accidental release measures

**General information:**

Keep away from sources of ignition and naked flames.

**Personal precautions:**

Avoid skin and eye contact.

**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.

Avoid skin and eye contact.

Keep away from sources of ignition - no smoking.

**Storage:**

Store in a cool, well-ventilated place.

Do not expose to direct heat.

## 8. Exposure controls / personal protection

**Components with specific control parameters for workplace:**

Valid for

Great Britain

Basis

UK EH40 WELs

Ingredient	ppm	mg/m <sup>3</sup>	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
PROPANE 74-98-6				Included in the regulation but with no data values. See regulation for further details.	EH40 WEL
PROPANE 74-98-6				Listed.	EH40 WEL
BUTAN-2-ONE (METHYL ETHYL KETONE) 78-93-3	200	600	Time Weighted Average (TWA).		EH40 WEL
BUTAN-2-ONE (METHYL ETHYL KETONE) 78-93-3	300	899	Short Term Exposure Limit (STEL):		EH40 WEL
BUTAN-2-ONE (METHYL ETHYL KETONE) 78-93-3			Skin designation.	Can be absorbed through the skin.	EH40 WEL
BUTAN-2-ONE (METHYL ETHYL KETONE) 78-93-3				Listed.	EH40 WEL
BUTANONE 78-93-3	300	900	Short Term Exposure Limit (STEL):		EU-2000/39/EC
BUTANONE 78-93-3	200	600	Time Weighted Average (TWA).		EU-2000/39/EC
BUTANONE 78-93-3				Listed.	EU-2000/39/EC
PENTANE 109-66-0	1.000	3.000	Time Weighted Average (TWA).		EU-2000/39/EC

**Respiratory protection:**

Use only in well-ventilated areas.

Do not inhale vapors and fumes.

**Hand protection:**

The use of chemical resistant gloves such as Nitrile 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	aerosol
Odor:	red, clear characteristic

**Phys./chem. properties:**

pH-value	not applicable
Boiling point	Not applicable
Flash point	not applicable
Vapor pressure	not applicable
Density	0,776 g/cm <sup>3</sup>
( )	
Solubility (qualitative) (Solvent: Water)	partially soluble
Solubility (qualitative) (Solvent: Acetone)	soluble
Explosion limit	
lower [vol%]	0,6 % (V)
upper [vol%]	13 % (V)
VOC content	78 % (As defined in the Council Directive 2004/42/EC)

**10. Stability and reactivity****Conditions to avoid:**

Stable under normal conditions of storage and use.  
Avoid heating.

**11. Toxicological information****Inhalative toxicity:**

May cause headache and dizziness.  
May cause irritation to respiratory system.

**Skin irritation:**

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

**Eye irritation:**

Avoid eye contact.  
Irritating to eyes.

**12. Ecological information****General ecological information:**

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

**13. Disposal considerations****Product disposal:**

Dispose of in accordance with local and national regulations.

**Waste code(EWC ):**

16 03 03 - inorganic wastes containing dangerous substances

**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.

**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:**

F+ - Extremely flammable

Xi - Irritant



**Contains**

n-Heptane

**Contains**

White Spirit

**Risk phrases:**

R12 Extremely flammable.  
R36 Irritating to eyes.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

**Safety phrases:**

S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe spray.  
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.  
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

**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. Keep away from sources of ignition - No smoking. Keep out of the reach of children

## 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:

- R10 Flammable.
- R11 Highly flammable.
- R12 Extremely flammable.
- R36 Irritating to eyes.
- R51 Toxic to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- 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.