



Technologies

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Loctite ANTI-SEIZE

MSDS-No. : 173460

V001.2

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

Trade name:

Loctite ANTI-SEIZE

Intended use:

Lubricant

Company name:

Henkel KGaA

Standort Heidelberg

69112 Heidelberg

Phone: +49 (6221) 7040

Fax-no.: +49 (6221) 705242

Germany

Emergency information:

+353-1-4599301/+353-87-2629625/+353-1-4046444

2. Composition / information on ingredients

General chemical description:

Lubricant

Declaration of ingredients according to 91/155/EC:

Hazardous components CAS-No.	EINECS	content	Classification
Carbon dioxide 124-38-9	204-696-9	> 1 - < 5 %	Not necessary.
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	265-150-3	> 60 - < 80 %	R10 Xn - Harmful; R65, R66
Aluminium powder (stabilised) 7429-90-5	231-072-3	> 1 - < 3 %	F - Highly flammable; R10, R15

3. Hazards identification

R10 Flammable.

R66 Repeated exposure may cause skin dryness or cracking.

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

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
Carbon dioxide 124-38-9				Listed.	UKCOSSTD
	5.000	9.000	Time Weighted Average (TWA).		EU-2000/39/EC
	5.000	9.150	Time Weighted Average (TWA).		EH40 WEL
	15.000	27.400	Short Term Exposure Limit (STEL):		EH40 WEL
				Listed.	EH40 WEL
				Listed.	EU-2000/39/EC
aluminium powder (pyrophoric) 7429-90-5		10	Time Weighted Average (TWA).		EH40 WEL
		4	Time Weighted Average (TWA).		EH40 WEL

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.

Body protection:

Wear suitable protective clothing

General protection and hygiene measures:

Good industrial hygiene practices should be observed

9. Physical and chemical properties

Appearance	liquid
Odor:	grey characteristic
Density (20 °C (68 °F))	0,798 g/cm ³
Solubility (qualitative) (Solvent: water)	insoluble
Solubility (qualitative) (Solvent: Acetone)	soluble
VOC content (1999/13/EC)	65 % (As defined in the Council Directive 2004/42/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:

May cause irritation to the digestive tract

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:

May cause mild irritation to the eyes

12. Ecological information

Mobility:

The product evaporates readily.

General ecological information:

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

13. Disposal considerations

Product

Disposal methods:

Disposal of in accordance with local and national regulations

Waste code(EWC):

14 06 03 - other solvents and solvent mixtures

Packaging

Disposal methods:

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**Risk phrases:**

R10 Flammable.
R66 Repeated exposure may cause skin dryness or cracking.

Safety phrases:

S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe spray.
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.

16. Other information

Full text of the R-phrases indicated by codes in this safety data sheet. The labeling of the product is indicated in Section 15.

R10 Flammable.
R15 Contact with water liberates extremely flammable gases.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

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.

