



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

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Loctite 276

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

Trade name:
Loctite 276

Intended use:
Adhesive

Company name:
Henkel Limited
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Great Britain

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

2. Hazards identification

|| R36/37/38 Irritating to eyes, respiratory system and skin.
|| R43 May cause sensitisation by skin contact.

3. Composition / information on ingredients

General chemical description:
Anaerobic Sealant

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

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Hydroxypropyl methacrylate 27813-02-1	248-666-3	> 1 - < 5 %	Xi - Irritant; R36, R43
Acrylic acid 79-10-7	201-177-9	> 1 - < 5 %	Xn - Harmful; R20/21/22 R10 C - Corrosive; R35 N - Dangerous for the environment; R50
Cumene hydroperoxide 80-15-9	201-254-7	> 0,1 - < 0,9 %	T - Toxic; R23 Xn - Harmful; R21/22, R48/20/22 O - Oxidizing; R7 C - Corrosive; R34 N - Dangerous for the environment; R51, R53
Cumene 98-82-8	202-704-5	> 0,1 - < 0,5 %	R10 Xn - Harmful; R65 Xi - Irritant; R37 N - Dangerous for the environment; R51, R53
3,3,5 Trimethylcyclohexyl methacrylate 7779-31-9	231-927-0	> 30 - < 40 %	Xi - Irritant; R36/37/38
2-Hydroxyethyl methacrylate 868-77-9	212-782-2	> 10 - < 20 %	Xi - Irritant; R36/38 R43
Maleic acid 110-16-7	203-742-5	> 0,1 - < 0,9 %	Xn - Harmful; R22 Xi - Irritant; R36/37/38 R43

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., Sulphur oxides

6. Accidental release measures

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.
Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

Storage:

Store in original containers at 8-21C (46.4-69.8F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

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
CUMENE 98-82-8	25	125	Time Weighted Average (TWA).		EH40 WEL
CUMENE 98-82-8	50	250	Short Term Exposure Limit (STEL):		EH40 WEL
CUMENE 98-82-8			Skin designation:	Can be absorbed through the skin.	EH40 WEL
CUMENE 98-82-8			Skin designation:	Can be absorbed through the skin.	ECTLV
CUMENE 98-82-8	50	250	Short Term Exposure Limit (STEL):	Indicative	ECTLV
CUMENE 98-82-8	20	100	Time Weighted Average (TWA).	Indicative	ECTLV

Respiratory protection:

Use only in well-ventilated areas.

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 liquid
Green
Odor: irritating

Phys./chem. properties:

VOC content < 3 %
(1999/13/EC)

10. Stability and reactivity

Conditions to avoid:

Stable

Materials to avoid:

Reaction with strong acids.
Reacts with strong oxidants.

11. Toxicological information

Oral toxicity:

May cause irritation to the digestive tract.

Inhalative toxicity:

Irritating to respiratory system

Skin irritation:

Irritating to the skin.

Eye irritation:

Irritating to eyes.

Sensitizing:

May cause sensitization by skin contact.

12. Ecological information

Ecotoxicity:

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Acrylic acid 79-10-7	Trout family (Salmonidae)	96 h	LC 50	27 mg/l
Cumene hydroperoxide 80-15-9	Ide, silver or golden orfe (Leuciscus idus) Water flea (Daphnia magna)	48 h 24 h	LC 50 EC 50	14 mg/l 7 mg/l
Cumene hydroperoxide 80-15-9				
Cumene 98-82-8	Trout family (Salmonidae)	96 h	LC 50	4,8 mg/l

General ecological information:

Do not empty into drains / surface water / ground water.
Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

13. Disposal considerations

Product disposal:

Do not empty into drains / surface water / ground water.
Dispose of in accordance with local and national regulations.

Waste code(EWC):

08 04 09 waste adhesives and sealants containing organic solvents and other 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.
Disposal must be made according to official regulations.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. Regulations - classification and identification

Indication of danger:

|| Xi - Irritant



Contains

2-Hydroxyethyl methacrylate,
Hydroxypropyl methacrylate,
Maleic acid

Risk phrases:

|| R36/37/38 Irritating to eyes, respiratory system and skin.
|| R43 May cause sensitisation by skin contact.

Safety phrases:

|| S24/25 Avoid contact with skin and eyes.
|| S28 After contact with skin, wash immediately with plenty of water and soap.
|| S37 Wear suitable gloves.

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.
- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R21/22 Harmful in contact with skin and if swallowed.
- R22 Harmful if swallowed.
- R23 Toxic by inhalation.
- R34 Causes burns.
- R35 Causes severe burns.
- R36 Irritating to eyes.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R36/38 Irritating to eyes and skin.
- R37 Irritating to respiratory system.
- R43 May cause sensitisation by skin contact.
- R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
- R50 Very toxic to aquatic organisms.
- R51 Toxic to aquatic organisms.
- R53 May cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R7 May cause fire.

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.