



Technologies

Loctite 2701

MSDS-No. : 173107

V001.1

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

Trade name:
Loctite 2701

Intended use:
Anaerobic

Company name:
Henkel KGaA
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Emergency information:
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2. Composition / information on ingredients

General chemical description:
Anaerobic Sealant

Declaration of ingredients according to 91/155/EC:

Hazardous components CAS-No.	EINECS	content	Classification
Hydroxypropyl methacrylate 27813-02-1	248-666-3	> 40 - < 50 %	Xi - Irritant; R36, R43
Cumene hydroperoxide 80-15-9	201-254-7	> 1 - < 3 %	O - Oxidizing; R7 T - Toxic; R23 Xn - Harmful; R21/22, R48/20/22 C - Corrosive; R34 N - Dangerous for the environment; R51, R53
Cumene 98-82-8	202-704-5	> 0,1 - < 1 %	R10 Xn - Harmful; R65 Xi - Irritant; R37 N - Dangerous for the environment; R51, R53
3-[2-(Methacryloyloxy)ethoxycarbonyl]propionic acid 20882-04-6	244-096-4	> 1 - < 5 %	Xi - Irritant; R36/37/38

3. Hazards identification

Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals
R36/37 Irritating to eyes and respiratory system.
R43 May cause sensitization by skin contact.

4. First-aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice
Consideration should be given to the possible effects of a faulty UV source (Stray radiation, ozone).

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.

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
Ventilation will remove any ozone that may be produced by the ultra violet lamp
Avoid skin and eye contact.
Prolonged or repeated skin contact should be avoided

Storage:

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

8. Exposure controls / personal protection

Respiratory protection:

Use only in well-ventilated areas.

Hand protection:

Avoid skin-contact.

Nitrile rubber gloves should be worn

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:	green mild
Boiling point	> 149,0 °C (> 300,2 °F)
Flash point	> 93,0 °C (> 199,4 °F)
Vapor pressure (20,0 °C (68 °F))	0,3000000 mbar
Density ()	1,1 g/cm ³
Solubility (qualitative) (Solvent: water)	partially soluble
Solubility (qualitative) (Solvent: Acetone)	miscible
VOC content (1999/13/EC)	< 4,00 %

10. Stability and reactivity

Conditions to avoid:

Stable

Materials to avoid:

May occur when exposed to high heat or ultraviolet radiation.

Reacts with strong oxidants.

Hazardous decomposition products:

carbon oxides

May produce fumes when heated to decomposition. Fumes may contain carbon monoxide and other toxic fumes.

11. Toxicological information

Oral toxicity:

May cause irritation to the digestive tract

Inhalative toxicity:

Irritating to respiratory system

Skin irritation:

May cause sensitization by skin contact.

Eye irritation:
Irritating to eyes

12. Ecological information

Mobility:
Cured adhesives are immobile.

General ecological information:
Do not empty into drains / surface water / ground water.

Other remarks:
Do not empty into drains, soil or bodies of water.

13. Disposal considerations

Product

Disposal methods:
Dispose of in accordance with local and national regulations

Waste code():
08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

Packaging

Disposal methods:
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, ADN, IMDG, IATA-DGR.

15. Regulations - classification and identification

Indication of danger:

Xi - Irritant



Contains
Hydroxypropyl methacrylate

Risk phrases:
R36/37 Irritating to eyes and respiratory system.
R43 May cause sensitization by skin contact.

Safety phrases:

- S23 Do not breathe vapour.
- S24 Avoid contact with skin.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.

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.
- R21/22 Harmful in contact with skin and if swallowed.
- R23 Toxic by inhalation.
- R34 Causes burns.
- R36 Irritating to eyes.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R37 Irritating to respiratory system.
- R43 May cause sensitization by skin contact.
- R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
- 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.