



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

Page 1 of 5

Loctite 3463

sds no. : 153766
V002.1

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

Trade name:

Loctite 3463

Intended use:

Epoxy resin

Company name:

Henkel Ireland Limited
Product Safety & Regulatory Affairs
Tallaght Business Park, Whitestown
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Emergency information:

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

2. Hazards identification

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

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

3. Composition / information on ingredients

General chemical description:

Epoxy resin

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

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Quartz (SiO ₂) 14808-60-7	238-878-4	> 1 - <= 5 %	No classification required.
2,4,6- Tris(dimethylaminomethyl)phenol 90-72-2	202-013-9	> 1 - <= 5 %	Xn - Harmful; R22 Xi - Irritant; R36/38
Bisphenol-A epichlorhydrin resin MW <= 700 25068-38-6	500-033-5	> 10 - < 20 %	N - Dangerous for the environment; R51, R53 R43 Xi - Irritant; R36/38

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.

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 a cool, well-ventilated place.
For optimum shelf life store in original containers under refrigerated conditions at 2 - 8°C (35.6 - 46.4 °F)

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
SILICA, RESPIRABLE CRYSTALLINE 14808-60-7		0,1	Time Weighted Average (TWA).		EH40 WEL

Respiratory protection:

Use only in well-ventilated areas.

Hand protection:

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.

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (IIR; ≥ 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (IIR; ≥ 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). 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
Paste
Grey

Odor:
Mild

Phys./chem. properties:

Boiling point
390 °C (734 °F)

Flash point
284 °C (543.2 °F)

Density
2,1038 g/cm³

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Solubility (qualitative)
Not miscible
(Solvent: Water)

VOC content
< 3 % (As defined in the Council Directive 2004/42/EC)

10. Stability and reactivity

Conditions to avoid:

Stable under normal conditions of storage and use.

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:

May cause irritation to respiratory system.

Skin irritation:

Irritating to the skin.

Eye irritation:

Irritating to eyes.

Sensitizing:

May cause sensitization by skin contact.

12. Ecological information**Mobility:**

Cured adhesives are immobile.

Ecotoxicity:

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Bisphenol-A epichlorhydrin resin MW <= 700 25068-38-6	Trout family (Salmonidae)	96 h	LC 50	3,6 mg/l

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():

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

Bisphenol-A epichlorhydrin resin MW <= 700

Risk phrases:

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

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

Safety phrases:

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water and soap.

S37 Wear suitable gloves.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Additional labeling:

Contains epoxy constituents. See information supplied by the manufacturer.

For consumer use only: S2 Keep out of the reach of children

S46 If swallowed, seek medical advice immediately and show this container or label.

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:

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

R51 Toxic to aquatic organisms.

R53 May cause long-term adverse effects in the aquatic environment.

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.