



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

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LOCTITE E-01 50ML PT A

sds no. : 328944
V003.0

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

Trade name:

LOCTITE E-01 50ML PT A

Intended use:

Part A of 2-K-Epoxy Adhesive

Company name:

Henkel Limited
2 Bishop Square Business Park
AL109EY Herfordshire Hatfield

Great Britain

Phone: +44 1606 593933

Fax-no.: +44 1606 863762

E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.uk@uk.henkel.com

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.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition / information on ingredients

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

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
RP Bisphenol F-epichlorohydrin resin, MW<=700 28064-14-4		70 - 80 %	Xi - Irritant; R36/38, R43 N - Dangerous for the environment; R51/53
Trimethylolpropane triglycidyl ether 30499-70-8		20 - 30 %	Xi - Irritant; R36/38, R43 R52/53

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, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap.
If adverse health effects develop seek medical attention.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If adverse health effects develop seek medical attention.

Ingestion:

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Seek medical advice.

5. Fire fighting measures

Suitable extinguishing media:

water, carbon dioxide, foam, powder

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.
Wear protective equipment.

Hazardous combustion products:

Oxides of carbon.

6. Accidental release measures

Personal precautions:

Avoid skin and eye contact.

Environmental precautions:

Do not let product enter drains.
Waste disposal with the approval of the responsible local authority.

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.
Wash spillage site thoroughly with soap and water or detergent solution.

7. Handling and storage

Handling:

The normal precautions for dealing with chemical products should be taken.
Avoid skin and eye contact.

Storage:

Store only in the original container.
Store in a cool, dry place.

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

contains no components

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

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:

Protective goggles

Skin protection:

Suitable protective clothing

General protection and hygiene measures:

Do not eat, drink or smoke while working.

9. Physical and chemical properties

General characteristics:

Appearance	liquid
	colourless
Odor:	Slight

Phys./chem. properties:

Flash point	> 100,00 °C (> 212 °F)
Density	1,2000 g/cm ³
()	
Viscosity (dynamic)	60.000,00 mPa.s
()	
VOC content	< 3,00 % Combined A/B
(1999/13/EC)	

10. Stability and reactivity

Conditions to avoid:

Stable under normal conditions of storage and use.

Materials to avoid:

Reaction with strong bases
Reaction with strong acids.
Avoid contact with amines.
Reaction 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:

It is irritating and sensitising 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
RP Bisphenol F-epichlorohydrin resin, MW<=700 28064-14-4	Ide, silver or golden orfe (Leuciscus idus)	96 h	LC 50	5,7 mg/l

General ecological information:

Toxic to aquatic organisms

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

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

13. Disposal considerations**Product disposal:**

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.

14. Transport information**Road transport ADR:**

Class: 9
Packaging group: III
Classification code: M6
Hazard ident. number: 90
UN no.: 3082
Label: 9
Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (epoxy resin)
Tunnelcode: (E)

Railroad transport RID:

Class: 9
Packaging group: III
Classification code: M6
Hazard ident. number: 90
UN no.: 3082
Label: 9
Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (epoxy resin)
Tunnelcode:

Inland water transport ADN:

Class: 9
Packaging group: III
Classification code: M6
Hazard ident. number: 90
UN no.: 3082
Label: 9
Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (epoxy resin)

Marine transport IMDG:

Class:	9
Packaging group:	III
UN no.:	3082
Label:	9
EmS:	F-A ,S-F
Seawater pollutant:	Marine pollutant
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)

Air transport IATA:

Class:	9
Packaging group:	III
Packaging instructions (passenger)	914
Packaging instructions (cargo)	914
UN no.:	3082
Label:	9
Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)

15. Regulations - classification and identification

Indication of danger:

Xi - Irritant

N - Dangerous for the environment



Contains

RP Bisphenol F-epichlorohydrin resin, MW<=700,
Trimethylolpropane triglycidyl ether

Risk phrases:

R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S24/25 Avoid contact with skin and eyes.
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.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Additional labeling:

Contains epoxy constituents. See information supplied by the manufacturer.

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:

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 Harmful to aquatic organisms, 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.