Safety Data Sheet according to (EC) No 1907/2006

sds no. : 417465
V001.3

Loctite 9466A- Kit component

Revision: 05.01.2011
printing date: 16.01.2013

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

Product identifier:
Loctite 9466A- Kit component

Relevant identified uses of the substance or mixture and uses advised against:
Intended use:
Epoxy adhesive

Details of the supplier of the safety data sheet:
Henkel Ireland
Operations and Research Limited
Tallaght Business Park
Dublin 24

Ireland

Phone: +353 (14046444)
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ua-productsafety.uk@uk.henkel.com

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

2. Hazards identification

Classification of the substance or mixture:

Classification (DPD):
Sensitizing
R43 May cause sensitisation by skin contact.
Xi - Irritant
R36/38 Irritating to eyes and skin.
N - Dangerous for the
environment
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Label elements (DPD):

Xi - Irritant

N - Dangerous for the environment

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 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.
S51 Use only in well-ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Additional labeling:
Contains epoxy constituents. See information supplied by the manufacturer.

Contains:
Bisphenol-A epichlorhydrin resin MW <= 700,
RP Bisphenol F-epichlorohydrin resin, MW<=700

Other hazards:
None if used properly.

3. Composition/information on ingredients

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Bisphenol-A epichlorhydrin resin MW <= 700 25068-38-6	500-033-5	30- 50 %	Chronic hazards to the aquatic environment 2 H411 Serious eye irritation 2 H319 Skin irritation 2 H315 Skin sensitizer 1 H317

Only dangerous ingredients for which a CLP classification is already available are displayed in this table.
For full text of the H - statements and other abbreviations see section 16 "Other information".
Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to DPD (EC) No 1999/45:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Bisphenol-A epichlorhydrin resin MW <= 700 25068-38-6	500-033-5	30 - 50 %	N - Dangerous for the environment; R51, R53 R43 Xi - Irritant; R36/38
RP Bisphenol F-epichlorohydrin resin, MW<=700 28064-14-4		30 - < 50 %	Xi - Irritant; R36/38, R43 N - Dangerous for the environment; R51/53

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

Description of 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.

Most important symptoms and effects, both acute and delayed:
SKIN: Rash, Urticaria.

Indication of any immediate medical attention and special treatment needed:
See section: Description of first aid measures

5. Firefighting measures

Extinguishing media:
Suitable extinguishing media:
water, carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons:
None known

Special hazards arising from the substance or mixture:
See section 10.
Do not expose to direct heat.
Oxides of carbon.

Advice for firefighters:
Wear self-contained breathing apparatus.
Wear protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Ensure adequate ventilation.
Avoid skin and eye contact.
Wear protective equipment.
See advice in chapter 8

Environmental precautions:
Do not let product enter drains.

Methods and material for containment and cleaning up:
For large spills absorb onto inert absorbent material and place in sealed container for disposal.
Dispose of contaminated material as waste according to Chapter 13.

7. Handling and storage

Precautions for safe handling:
Avoid skin and eye contact.
Use only in well-ventilated areas.
Gloves and safety glasses should be worn

Hygiene measures:
Do not eat, drink or smoke while working.
Good industrial hygiene practices should be observed.
Wash hands before work breaks and after finishing work.

Conditions for safe storage, including any incompatibilities:
Store in sealed original container.
Store in a cool, well-ventilated place.

Specific end use(s):
Epoxy adhesive

8. Exposure controls/personal protection

Control parameters:
Valid for
Great Britain

None

Exposure controls:

Respiratory protection:
Ensure adequate ventilation.
Do not inhale vapors and fumes.

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 (NBR; >= 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 (NBR; >= 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:
Tightly fitting safety goggles
Avoid eye contact.

Skin protection:
Wear suitable protective clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance	Paste yellow
Odor	characteristic
pH	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density ()	1,1 g/cm3
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative)	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Oxidising properties	No data available / Not applicable

Other information:

No data available / Not applicable

10. Stability and reactivity

Reactivity:
Reaction with strong bases

Chemical stability:
Stable under recommended storage conditions.

Possibility of hazardous reactions:
See section reactivity

Conditions to avoid:
Stable under normal conditions of storage and use.
Avoid contact with acids and oxidizing agents.

Incompatible materials:
No data available.

11. Toxicological information

General toxicological information:
The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

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.

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Bisphenol-A epichlorhydrin resin MW <= 700 25068-38-6	positive	bacterial forward mutation assay	with and without		

12. Ecological information

General ecological information:
May cause long-term adverse effects in the aquatic environment.
Do not empty into drains / surface water / ground water.
Toxic to aquatic organisms
The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Mobility:
Cured adhesives are immobile.

13. Disposal considerations

Waste treatment methods:

Product disposal:
Dispose of in accordance with local and national regulations.

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.

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

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:	
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. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

16. Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations 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 Toxic to aquatic organisms.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53 May cause long-term adverse effects in the aquatic environment.

H315Causes skin irritation.
H317May cause an allergic skin reaction.
H319Causes serious eye irritation.
H411Toxic to aquatic life with long lasting effects.

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 it's subsequent amendments, and Commission Directive 1999/45/EC.