



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

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Pattex Neoprene Liquide

sds no. : 132783
V001.0
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1. Identification of the substance/preparation and of the company/undertaking

Trade name:

Pattex Neoprene Liquide

Intended use:

Contact 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 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation directive.

F - Highly flammable

Xi - Irritant

N - Dangerous for the environment

R11 Highly flammable.

R36/38 Irritating to eyes and skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness.

Pregnant women should absolutely avoid breathe in and skin contact.

Solvents contained in the product evaporate during processing and their vapors can form explosive/highly inflammable air/vapor mixtures.

3. Composition / information on ingredients

General chemical description:

Adhesive solution

Base substances of preparation:

Polychloroprene

Resin

in a mixture of organic solvents

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

Hazardous components CAS-No.	EINECS	content	Classification
Ethyl acetate 141-78-6	205-500-4	< 35 %	F - Highly flammable; R11 R66 Xi - Irritant; R36 R67
Cyclohexane 110-82-7	203-806-2	< 35 %	F - Highly flammable; R11 Xn - Harmful; R65 N - Dangerous for the environment; R50, R53 Xi - Irritant; R38
Hydrocarbon aliphatic C4-11 < 0,1% benzene 64742-49-0	265-151-9	< 20 %	F - Highly flammable; R11 Xi - Irritant; R38 Xn - Harmful; R65 R67 N - Dangerous for the environment; R51/53
Rosin 8050-09-7	232-475-7	< 1 %	R43
zinc oxide 1314-13-2	215-222-5	< 1 %	N - Dangerous for the environment; R50, R53
n-Hexane 110-54-3	203-777-6	< 0,5 %	F - Highly flammable; R11 Toxic for reproduction - category 3.; R62 Xi - Irritant; R38 R67 Xn - Harmful; R65, R48/20 N - Dangerous for the environment; R51, R53

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**General information:**

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

Eye contact:

Immediately flush eyes with water, put on a bandage with sterile gauze, see an oculist.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

5. Fire fighting measures**Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

Special protection equipment for firefighters:

Wear protective equipment.
Wear self-contained breathing apparatus.

Additional information:

Cool endangered containers with water spray jet.

6. Accidental release measures

Personal precautions:

Keep away from sources of ignition.
Ensure adequate ventilation.

Environmental precautions:

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

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).
Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Handling:

Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.

Also to be noted when processing larger amounts (> 1 kg): during processing and drying after adhesion, ventilate well. Avoid all sources of fire such as stoves and ovens. Switch off all electrical devices such as parabolic heaters, hot plates, storage heaters etc. in good time for them to have cooled down before commencing work. Avoid all sparks, including those occurring at electrical switches and devices.

Take measures to prevent the build-up of electrostatic charges.

Storage:

Keep only in the original container.

Close the container carefully after use and store it at a good ventilated place.

Store protected from heat influence.

Avoid strictly temperatures below + 5 °C and above + 50 °C.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

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
ETHYL ACETATE 141-78-6	200		Time Weighted Average (TWA).		EH40 WEL
ETHYL ACETATE 141-78-6	400		Short Term Exposure Limit (STEL):		EH40 WEL
CYCLOHEXANE 110-82-7	300	1.050	Short Term Exposure Limit (STEL):		EH40 WEL
CYCLOHEXANE 110-82-7	100	350	Time Weighted Average (TWA).		EH40 WEL
CYCLOHEXANE 110-82-7	200	700	Time Weighted Average (TWA).	Indicative	ECLTV
N-HEXANE 110-54-3	20	72	Time Weighted Average (TWA).		EH40 WEL
N-HEXANE 110-54-3	20	72	Time Weighted Average (TWA).	Indicative	ECLTV
ROSIN-BASED SOLDER FLUX FUME 8050-09-7		0,05	Time Weighted Average (TWA).		EH40 WEL
ROSIN-BASED SOLDER FLUX FUME 8050-09-7		0,15	Short Term Exposure Limit (STEL):		EH40 WEL

Engineering controls:

Ensure good ventilation/suction at the workplace.

Draw off vapours directly at the point of generation and exit. In the case of regular work, provide bench-mounted extraction equipment.

Respiratory protection:

For short-term or slight exposure, use a respiratory mask with filter, for intensive or long-term exposure wear full respiratory protection apparatus

Hand protection:

For shorttime contact (e.g. as protection against splashes) protective gloves made from nitrile rubber are recommended according to EN 374.

material thickness > 0.4 mm

Perforation time > 120 minutes

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Goggles which can be tightly sealed.

Skin protection:

Suitable protective clothing

General protection and hygiene measures:

Do not eat, drink or smoke while working.

When using the product avoid alcohol consumption.

Wash hands before work breaks and after finishing work.

9. Physical and chemical properties

General characteristics:

Appearance	liquid turbid yellowish
Odor:	of solvent, typical

Phys./chem. properties:

Flash point	-22 °C (-7.6 °F)
Density (20 °C (68 °F))	0,84 - 0,88 g/cm ³
Viscosity (dynamic) (Brookfield; 20 °C (68 °F))	2.200 - 2.500 mPa.s
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Explosion limit lower [vol%]	1,1 %(V)
upper [vol%]	12,8 %(V)

10. Stability and reactivity

Conditions to avoid:

No decomposition if used according to specifications.

Materials to avoid:

None if used for intended purpose.

Hazardous decomposition products:

In the event of a fire, hydrochloric acid gas is released.

11. Toxicological information

Inhalative toxicity:

The toxicity of the product is due to its narcotic effect after inhalation.
In the event of protracted or repeated exposure, damage to health cannot be excluded.

Skin irritation:

Prolonged or repeated skin contact can lead to skin degreasing and hence to skin irritation.

Eye irritation:

Primary eye irritation: irritating

12. Ecological information

Persistence and degradability:**Ultimate biodegradation:**

The total of the organic components contained in the product achieve values below 60% BOD/COD or CO₂ liberation, or below 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are not reached.

Ecotoxicity:

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Cyclohexane 110-82-7	Ide, silver or golden orfe (Leuciscus idus)	48 h	LC 50	55 mg/l
Cyclohexane 110-82-7	Water flea (Daphnia magna)	48 h	EC 50	3,8 mg/l
Hydrocarbon aliphatic C4-11 < 0,1% benzene 64742-49-0	Ide, silver or golden orfe (Leuciscus idus)	48 h	LC 50	> 1 - 10 mg/l
Rosin 8050-09-7	Fathead minnow (Pimephales promelas)	96 h	LC 50	> 1.000 mg/l
zinc oxide 1314-13-2	Ide, silver or golden orfe (Leuciscus idus)	48 h	LC 50	1.000 mg/l
zinc oxide 1314-13-2	Green algae (Selastrum capricornutum)	72 h	EC 50	0,17 mg/l
n-Hexane 110-54-3	Ide, silver or golden orfe (Leuciscus idus)	48 h	LC 50	> 1,0 - 10 mg/l

General ecological information:

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

13. Disposal considerations

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.
The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

14. Transport information

Road transport ADR:

Class: 3
Packaging group: III
Classification code: F1
Hazard ident. number: 33
UN no.: 1133
Label: 3
Technical name: ADHESIVES
Additional information: Special provision 640H

Railroad transport RID:

Class: 3
Packaging group: III
Classification code: F1
Hazard ident. number: 33
UN no.: 1133
Label: 3
Technical name: ADHESIVES
Additional information: Special provision 640H

Inland water transport ADN:

Class: 3
Packaging group: III
Classification code: F1
Hazard ident. number: 33
UN no.: 1133
Label: 3
Technical name: ADHESIVES
Additional information: Special provision 640H

Marine transport IMDG:

Class: 3
Packaging group: III
UN no.: 1133
Label: 3
EmS: F-E ,S-D
Seawater pollutant: Marine pollutant
Proper shipping name: ADHESIVES (Cyclohexane)

Air transport IATA:

Class: 3
Packaging group: III
Packaging instructions (passenger): 309
Packaging instructions (cargo): 310
UN no.: 1133
Label: 3
Proper shipping name: Adhesives

15. Regulations - classification and identification

Indication of danger:

F - Highly flammable

Xi - Irritant

N - Dangerous for the environment



Risk phrases:

R11 Highly flammable.

R36/38 Irritating to eyes and skin.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

S2 Keep out of the reach of children.

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

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

S29 Do not empty into drains.

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

Contains Rosin. May produce an allergic reaction.

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:

- R11 Highly flammable.
- R36 Irritating to eyes.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R50 Very toxic to aquatic organisms.
- 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.
- R62 Possible risk of impaired fertility.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

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.