



Technologies

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TEROSTAT-9200 1K PUR 310ML

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V001.1
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1. Identification of the substance/preparation and of the company/undertaking

Trade name:

TEROSTAT-9200 1K PUR 310ML

Intended use:

1-Component sealant

Company name:

Henkel Loctite Adhesives Ltd
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead
Phone: +44 (1442) 278000
Fax-no.: +44 (1442) 278071
Great Britain

Emergency information:

In case of an emergency information will be available 24h under phone +49-(0)6221-7040

Information office (content SDS):

Product safety / CSP, Tel: +49-(0)6221-7040 Fax: +49-(0)6221-704698

2. Composition / information on ingredients

General chemical description:

1-Component moisture-curing sealant

Base substances of preparation:

PUR polymer

Declaration of ingredients according to 91/155/EC:

Hazardous components CAS-No.	EINECS	content	Classification
Xylene - mixture of isomeres 1330-20-7	215-535-7	< 5 %	R10 Xn - Harmful; R20/21 Xi - Irritant; R38
4,4'- methylenediphenyl diisocyanate 101-68-8	202-966-0	< 1 %	Xn - Harmful; R20 Xi - Irritant; R36/37/38 R42/43
Isoparaffins C9-12 flash point > 55°C 90622-57-4	292-459-0	< 15 %	Xn - Harmful; R65, R66

3. Hazards identification

R42 May cause sensitization by inhalation.

Persons suffering from allergic reactions to isocyanates should avoid contact with the product.

4. First-aid measures

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:

First remove splashes carefully with eye swabs

Wash with plenty of water immediately and continue for several minutes, holding eyelid open. Consult a doctor.

Ingestion:

Seek medical advice immediately and show this container or label.

5. Fire-fighting measures

Suitable extinguishing media:

All common extinguishing agents are suitable.

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

Wear protective equipment.

Hazardous combustion products:

Isocyanate vapors

6. Accidental release measures

Personal precautions:

Avoid contact with skin and eyes.

If vapors are generated, wear suitable respiratory equipment.

Wear protective equipment.

Keep unprotected persons away.

Environmental precautions:

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

Clean-up methods:

Neutralise any spillages with a mixture of alcohol, water and wetting agent, if necessary adding 1% ammonia relative to the isocyanate groups.

7. Handling and storage

Handling:

Ensure good ventilation/suction at the workplace.

Storage:

Store in sealed original container protected against moisture.

Store in a cool, dry place.

Container must be made airtight after use.

Storage at 15 to 25°C is recommended.

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

Valid for

Great Britain

Basis

Occupational Exposure Limits

Ingredient	ppm	mg/m ³	Type	Category	Remarks
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate 101-68-8		0,02	Time Weighted Average (TWA).		EH40 WEL
		0,07	Short Term Exposure Limit (STEL):		EH40 WEL
				Listed.	EH40 WEL
xylene 1330-20-7	50	221	Time Weighted Average (TWA).		EU-2000/39/EC
	100	442	Short Term Exposure Limit (STEL):		EU-2000/39/EC
			Skin designation.	Can be absorbed through the skin.	EU-2000/39/EC
	50	220	Time Weighted Average (TWA).		EH40 WEL
	100	441	Short Term Exposure Limit (STEL):		EH40 WEL
			Skin designation.	Can be absorbed through the skin.	EH40 WEL
			Listed.	EH40 WEL	

Hand protection:

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): Isobutylene-isoprene rubber (IIR; >= 0.7 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Isobutylene-isoprene rubber (IIR; >= 0.7 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 tight fitting goggles.

Body protection:

suitable protective clothing

9. Physical and chemical properties

Appearance	pasty black
Odor:	of solvent
Density (20 °C (68 °F))	1,17 g/cm ³
Solubility (qualitative) (Solvent: water)	insoluble
Solubility (qualitative) (Solvent: water)	Reaction with water.
Explosion limit lower [vol%] upper [vol%]	0,4 % (V) 7,6 % (V)
Ignition temperature	> 200 °C (> 392 °F)
VOC content (VOCV 814.018 VOC regulation CH)	6 %

10. Stability and reactivity

Conditions to avoid:

Temperatures over appr. 250 °C
Avoid moisture.

Materials to avoid:

Reacts with water: Pressure built up in closed vessel (CO₂).

Hazardous decomposition products:

At higher temperatures isocyanate may be released.
Carbon dioxide is generated under contact with moisture, leading to pressure in the cans. Danger of cans bursting!

11. Toxicological information

General toxicological information:

The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients.
Persons suffering from allergic reactions to isocyanates should avoid contact with the product.

Sensitizing:

May cause sensitization by inhalation.

12. Ecological information

General ecological information:

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

13. Disposal considerations

Product

Disposal methods:

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

Small amounts of cured or dried product residues can be disposed of as household waste or as industrial waste similar to household waste.

Special waste incineration or special disposal with the approval of the responsible local authority.

Waste code(EWC):

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances
080410 (after hardening)

14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. Regulations - classification and identification

Indication of danger:

Xn - Harmful



Contains

4,4'-methylenediphenyl diisocyanate

Risk phrases:

R42 May cause sensitization by inhalation.

Safety phrases:

S23 Do not breathe vapour.

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

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Additional labeling:

Contains isocyanates. Observe manufacturer's instructions!

VOC Paints and Varnishes (EU):

Product (sub)category:

This product is not a subject of the Directive 2004/42/EC

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.

R20 Harmful by inhalation.

R20/21 Harmful by inhalation and in contact with skin.

R36/37/38 Irritating to eyes, respiratory system and skin.

R38 Irritating to skin.

R42/43 May cause sensitization by inhalation and skin contact.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

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.