



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

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ZP-TEROSTAT-8597 HMLC Inter

sds no. : 79285
V002.0

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

Trade name:

ZP-TEROSTAT-8597 HMLC Inter

Intended use:

adhesive and sealant for direct glazing

Company name:

Henkel Limited
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (0)1442 278000

Fax-no.: +44 (0)1442 278071

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

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

Xn - Harmful

R42 May cause sensitization by inhalation.

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

3. Composition / information on ingredients

General chemical description:

1-Component sealant

Base substances of preparation:

Polyurethane

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

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Oxydipropyl dibenzoate 27138-31-4	248-258-5	< 2,5 %	N - Dangerous for the environment; R51/53
4,4'- methylenediphenyl diisocyanate 101-68-8	202-966-0	< 1 %	Xn - Harmful; R20 Xi - Irritant; R36/37/38 R42/43

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:

Fresh air, oxygen supply, warmth; seek specialist medical attention.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. If necessary, see a dermatologist.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

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

5. Fire fighting measures

Suitable extinguishing media:

All common extinguishing agents are suitable.

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.

Hazardous combustion products:

Isocyanate vapors, carbon oxides., nitrogen oxides

6. Accidental release measures

Personal precautions:

Wear protective equipment.
Avoid contact with skin and eyes.
Keep unprotected persons away.
See advice in chapter 8

Environmental precautions:

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

Clean-up methods:

Remove mechanically.
Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Storage:

Ensure good ventilation/extraction.
Store in a cool place.
Temperatures between + 10 °C and + 25 °C
Keep container tightly sealed.

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
ISOCYANATES, ALL (AS -NCO) 101-68-8		0,07	Short Term Exposure Limit (STEL):		EH40 WEL
ISOCYANATES, ALL (AS -NCO) 101-68-8		0,02	Time Weighted Average (TWA).		EH40 WEL

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

Filter: B - P3

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): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 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:

Goggles which can be tightly sealed.

Skin protection:

Wear protective equipment.

Protective clothing that covers arms and legs.

General protection and hygiene measures:

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

Use only personal protection that's CE-labelled according to the regulation no. 819 of 19 August 1994.

9. Physical and chemical properties**General characteristics:**

Appearance: solid material
pasty
Black

Odor: Odorless

Phys./chem. properties:

Flash point: not applicable

Density: 1,25 g/cm³

Viscosity (dynamic): 3.500 pa.s
(; 20 °C (68 °F); Conc.: 100 % product)

Solubility (qualitative): Insoluble
(20 °C (68 °F); Solvent: Water)

Solubility (qualitative): Insoluble

Solid content: 100 %

VOC content 0 %
(VOCV 814.018 VOC regulation CH)

10. Stability and reactivity

Conditions to avoid:

No decomposition if used according to specifications.
Avoid moisture.
Temperatures over appr. 250 °C

Materials to avoid:

Reaction with water, alcohols, amines.
Reacts with water: Pressure built up in closed vessel (CO₂).

Hazardous decomposition products:

At higher temperatures isocyanate may be released.

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

Ecotoxicity:

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Oxydipropyl dibenzoate 27138-31-4	Fathead minnow (Pimephales promelas)	96 h	LC 50	3,7 mg/l

General ecological information:

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

13. Disposal considerations

Product disposal:

The valid EEC waste code numbers are not product-related but are largely source-related. These can be requested from the manufacturer.

In consultation with the responsible local authority, must be subjected to special treatment.

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).

S51 Use only in well-ventilated areas.

Additional labeling:

Contains isocyanates. See information supplied by the manufacturer.

VOC Paints and Varnishes (EU):

Product (sub)category:

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

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:

R20 Harmful by inhalation.

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

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

R51/53 Toxic 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.