



# MATERIAL SAFETY DATA SHEET

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## 1. Name of substance/preparation and company

Trade name	Terostat-8590 N/M.	Article	15324G
Manufacturer	Henkel Teroson GmbH, 69112 Heidelberg		
Telephone	+49 6221-7040	Facsimile	+49 6221-704698
Department providing information	Technical Coordination		
In case of emergency	Telephone	+49 6221-704268	
	UK	020 8312 0291	

## 2. Composition/information on constituents

### Chemical description

1 component sealant based on polyurethane for direct glazing

### Hazardous constituents

CAS-Nr.	Description	%	Symbol(e)	R-Sätze
101-68-8	4,4-methylenediphenyl diisocyanate	<1	Xn	20-36/37/38-42/43

R20	Harmful by inhalation
R36/37/38	Irritating to eyes, respiratory system and skin
R42/43	May cause sensitisation by inhalation and skin contact

## 3. Possible Hazards

R.42 May cause sensitization by inhalation.

## 4. First Aid Measures

Contact with eyes: Wash with plenty of water immediately. Carefully remove any large particles with a swab. Consult a doctor.

Contact with skin: Wash thoroughly with soap and water (small splashes may be removed with acetone).

If swallowed: Seek medical advice, symptomatic treatment. If possible produce this information or the product label.

## 5. Actions in case of fire

No restrictions - In case of fire the following decomposition products may be formed: prussic acid (HCN)

## 6. Actions in case of unintentional release

Allow material to harden in air and then collect.

## 7. Handling and Storage

### Handling

Provide good ventilation.

### Storage

Store in a cool, dry place. Storage at 15 to 20 °C is recommended.



## 8. Maximum exposure limits and personal protection equipment

Exposure limits of single constituents see point "Toxicological Information".

Eye protection: Wear safety glasses with side protectors when using relatively large quantities.

skin protection: Wear protective gloves.

S.20/21 When using do not eat, drink or smoke.

S.27 Take off immediately all contaminated clothes. Wash hands with soap and water on completion of work and before breaks.

## 9. Physical and chemical properties

form	paste	colour	black	odour	odourless
change of state				not recorded	
flashpoint				-- °C	
ignition temperature				not applicable	
explosion limits				not recorded	
vapour pressure				not recorded	
density	at 20 °C			1,240 g/ml	
solubility	at 20 °C			insoluble in water, soluble in ketones	
pH-value				not applicable	
viscosity	at 20 °C			2400 to 3000 Pas	
additional information				Solids content 99 % w/w. 2 hours at 105 C	

## 10. Stability and reactivity

Thermal decomposition	None if used according to instructions
Hazardous decomposition products	None if used according to instructions.
Hazardous reactions	None if used according to instructions.

## 11. Toxicological information

The material contains 4,4-methylenediphenyl diisocyanate (TLV 0.005 ppm, according to German legislation).

May cause sensitization by inhalation. Persons with allergic reactions to isocyanates should not come into contact with the product.

There is no TLV defined for the preparation as a whole.

## 12. Ecological information

Keep away from drains.

German "Water contamination class" (WGK): 1 Water contaminating

## 13. Disposure

Safe waste disposal or controlled incineration.

## 14. Transport declarations

IMO/IMDG	non-hazardous goods
ICAO/DGR	not restricted
ADR/RID	not restricted



## **15. Regulatory information**

Classification/label according to EEC Preparations Directive:

St. Andrews cross, harmful

contains 4,4-methylenediphenyl diisocyanate

Observe the following manufacturer's instructions:

R.42 May cause sensitization by inhalation.

S.25 Avoid contact with eyes.

S.36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S.28 After contact with skin, wash immediately with plenty of soap and water.

## **16. Additional information**

The information in the Safety Data Sheet has been changed since the last revision at the following points:

Point 2: Hazardous constituents

Point 3: Possible Hazards

Point 11: Toxicological information

Point 15: Regulatory information