



MATERIAL SAFETY DATA SHEET

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1. Name of substance/preparation and company

Trade name TEROSTAT-8511 GLASPRIMER Article 329629 / 12244J
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

2. Composition/information on constituents

Chemical description

solvent containing primer on glass, based on polyurethane-prepolymer.

Hazardous constituents

CAS-No.	description	% b.w.	symbol(s)	R-phrases
-	mon. 1,3-bis(isocyanatomethyl)-cyclohexane	<1	Xn	43
78-10-4	tetraethyle silicate	1-3	Xn	10-20-36/37/38
123-86-4	butylacetate	5-10	-	10-66-67
141-78-6	ethylacetate	20-30	F	11-36-66-67
109-60-4	n-propylacetate	25-30	F	11

3. Possible Hazards

R.11 Highly flammable.

May cause allergic reactions. Persons with allergic reactions on isocyanates should not get in contact with the material.

R.36 Irritating to eyes. R.66 Repeated exposure may cause skin dryness or cracking. R.67 Vapours may cause drowsiness and dizziness.

Solvent vapours are heavier than air and may collect in higher concentrations at floor level.

4. First Aid Measures

Inhalation: Fresh air, if necessary artificial respiration or oxygen.

Contact with eyes: Wash with plenty of water immediately and continue for several minutes, holding eyelid open.

Contact with skin: Wash with soap and plenty of water.

If swallowed: Take medical advice. If possible produce this information.

5. Actions in case of fire

Extinguishing media Suitable: carbon dioxide, foam, dry powder, water spray.

Do not use: Solid water jet
In case of fire the following decomposition products may be formed: prussic acid (HCN)

6. Actions in case of unintentional release

Absorb spills/leaks of the product with absorbent, non-combustible mater dispose of as described in the "Disposal" section. Keep away sources of ignition - do not smoke.

7. Handling and Storage

Handling

Formation of explosive/inflammable vapour/air mixtures possible in use. Ventilate work areas well. Keep away sources of ignition - do not smoke. Protective precautions against explosion should be taken if necessary. Take precautions against static electrical discharges if large volumes are being used.

Storage

Store in a cool, well-ventilated place. Observe regulations governing combustible liquids. Storage at 20 to 23 °C is recommended.



8. Maximum exposure limits and personal protection equipment

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

Breathing protection: Wear mask if ventilation is inadequate.

Eye protection: Wear safety glasses with side protectors.

skin protection: Wear protective gloves.

Do not inhale vapours. Avoid contact with skin and eyes. Wash hands with water and soap. Change soiled clothing.

9. Physical and chemical properties

form	liquid	colour	black	odour	smells of solvents
change of state	begin of boiling range (solvents)		ca. 75	°C	
flashpoint			-04	°C	Abel/Pensky cc
ignition temperature			not recorded		
explosion limits			not recorded		
vapour pressure			not recorded		
density	at 20 °C		1,000	g/ml	
solubility	at 20 °C		unsoluble in water		
pH-value			not applicable		
viscosity	at 20 °C		200	mPas	Brookfield
additional information	-.-				

10. Stability and reactivity

Thermal decomposition Monomer isocyanates may be formed at pyrolysis temperatures >250 degrees C.

Hazardous decomposition products Carbon dioxide is generated under contact with moisture, leading to pressure in the cans. Danger of cans bursting!

Hazardous reactions See section "Hazardous Products of Decomposition".

11. Toxicological information

The product contains ethylacetate (TLV 400 ppm), butylacetate (TLV 100 ppm), propylacetate (TLV 200 ppm) and isocyanate containing components.

Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

May cause allergic reactions. Persons sensitized against isocyanates should not get in contact with the material.

There is no TLV established for the preparation.

12. Ecological information

German "Water contamination class" (WGK): 1 Water contaminating. Keep away from drains.

13. Disposure

Safe waste disposal or controlled incineration.

14. Transport declarations

IMO/IMDG COATING SOLUTION,
UN# 1139
class 3.2, PG II, EmS# 3-05
containing: Ethylacetate, Isopropanol MFAG# 330/305

ICAO/DGR Coating solution, UN#1139, class 3, pkg-
group II, pkg-instr: 305/5L, 307/60L,
label: Flammable liquid
containing: Ethylacetate, Isopropanol



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ADR/RID 1139 coating solution
3 5b 2301
containing: Ethylacetate, Isopropanol

15. Regulatory information

Classification/label according to EEC Preparations Directive:

St. Andrews cross, irritant, and Flame, highly flammable
contains isocyanate

Observe the following manufacturer's instructions:

May cause allergic reactions. Persons with allergic reactions on isocyanates should not get in contact with the material.

R.36 Irritating to eyes. R.66 Repeated exposure may cause skin dryness or cracking. R.67 Vapours may cause drowsiness and dizziness.

S.23 Do not breathe vapours. S.26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S.28 After contact with skin, wash immediately with plenty of water. S.51 Use only in well-ventilated areas.

16. Additional information

This product has been labelled in accordance with the EEC Preparations Directive.

The information in the Safety Data Sheet has been changed since the last revision at the following points: 3, 11, 15

Full text of the R-phrases indicated by codes in this safety data sheet. The product code/identification/designation is indicated in Section 15.

- R.10 Flammable
- R.11 Highly flammable
- R.20 Harmful by inhalation.
- R.36/37/38 Irritating to eyes, respiratory system and skin.
- R.43 May cause sensitization by skin contact.
- R.66 Repeated exposure may cause skin dryness or cracking.
- R.67 Vapours may cause drowsiness and dizziness.