

Trend Machinery & Cutting Tools Ltd.

Odhams Trading Estate, St Albans Road, Watford, Hertfordshire
WD24 7TR United Kingdom. Tel: 0044 (0) 1923 249911

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VERSION: 1	T60 PURGLUE
	COPIED: NJM
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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name: T60 PURGLUE

Product ref: T60/PUR/1, T60/PUR/5

Application: Assembly and laminating adhesive for general and woodworking industry.

Suppliers trade name: Steinel Purglue 50
Henkel Macroplast QR3450-22

Supplier: Henkel KGaA
Henkelstrasse 67
40589 Dusseldorf
Germany

Tel: 0049 211 7970
Fax: 0049 211 7984008

Email: ua-productsafety.de@henkel.com

Emergency telephone: 0049 211 797 3350

2. HAZARDS IDENTIFICATION

Main hazards: Classified as hazardous with the meaning of the valid (EU) preparation guideline.
Xn: Harmful.
R42/43: May cause sensitization by inhalation and skin contact.
Persons suffering from allergic reactions to isocyanates should avoid contact with the product.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

General chemical description: 1-Component PU adhesive.

Base substances of preparation: Polyurethane prepolymer with isocyanate groups.

Declaration of ingredients according to EC/1907/2006:

Ingredient Name	CAS No.	EINECS No.	Wt (%)	Health (Class)	Risk Phrase (R. No.)
4,4'-methylenediphenyl diisocyanate	101-68-8	202-966-0	>=1 -<3	Xn - Harmful Xi - Irritant Xn - Harmful	R20 R36/37/38 R42/43

4. FIRST-AID MEASURES

Eye contact: After contact with the hot melt: cool with water, seek medical attention.

Skin contact: Molten product. After skin contact cool down immediately with cold water. Do not remove adherent product. Seek medical advice.

Ingestion: Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

Inhalation: Fresh air, oxygen, warmth; seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons: High pressure water jet.

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Special protection equipment

for fire fighting: Wear self-contained breathing apparatus.
Wear protective equipment.

Hazardous combustion
products:

Carbon oxides. Nitrous gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective equipment. Avoid contact with skin and eyes. See section 8.

Environmental precautions: Do not empty into drains/surface water/ground water.

Clean-up methods: Allow to solidify.
Remove mechanically.
Dispose of contaminated material as waste according to section 12.

7. HANDLING AND STORAGE

Handling: Keep container tightly sealed.

Storage: Store in sealed original container protected against moisture.
Store in a cool place in closed original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient name: 4,4'-methylenediphenyl diisocyanate; CAS No: 101-68-2.

Occupational exposure
Levels (OEL):
(TRGS900)

0.05 mg/m³.
STEL 1
Short term exposure classification Cat I.

Engineering controls: Ensure good ventilation/extraction.

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Respiratory protection: Suitable breathing mask when there is inadequate ventilation.

Hand protection: Wear refractive gloves while working with the hot melt.

Eye protection: Goggles which can be tightly sealed.

Skin protection: Wear protective equipment.

General protection and hygiene measures: Do not eat, drink or smoke while working.
Wash hands before work breaks and after finishing work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid material - beige.

Odour/taste: Characteristic.

Flashpoint: >200°C (>392°F).

Density/specific gravity
@ 20°C (68°F): 1.15 – 1.25 g/cm³.

Viscosity (dynamic): 5000-8500 mPas (Brookfield, 130°C (266°F); speed of rotation 10 min⁻¹; spindle no.27.

Solubility (qualitative)
(@20°C (68°F); solvent:
water): Insoluble.

VOC content (VOCV
841.018 VOC regulation
CH): 0.00%

10. STABILITY AND REACTIVITY

Conditions to avoid: No decomposition if used according to specifications.

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14. TRANSPORT INFORMATION

General: Not classified as hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. REGULATORY INFORMATION

Classification: Xn: Harmful.



Contains: 4,4'-methylenediphenyl diisocyanate.

Risk phrases: R42/43: may cause sensitization by inhalation and skin contact.

Safety phrases: S23: Do not breathe gas/fumes/vapour/spray.
S36/37: Wear suitable protective clothing and gloves.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Additional labelling: Contains isocyanates. See information supplied by the manufacturer.

UK regulatory references: Control of Substances Hazardous to Health Regulations.
Chemicals (Hazard Information & Packaging for Supply) Regulations 2002 (CHIP3).

EU directives: Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations 2001/58/EEC.
Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) EC 1907/2006 Article 31 and Annex II.
Material Safety Data Sheet according to 91/155/EC – ISO11014-1.

Statutory instruments: Control of Substances Hazardous to Health Regulations.

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Chemicals (Hazard Information & Packaging for Supply)
Regulations.

Approved code of practice: Compilation of Safety Data Sheets Safety Data Sheets (3rd Edition).

Guidance notes: CHIP for everyone HSG228.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in
section 3:

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

User notes: Sections revised: - all new

Information sources: Supplier's own safety data sheet revised 27.06.2008, printed 17.12.2008 MSDS No 44354 V001.4.
Suppliers own MSDS states "Safety Data Sheet according to (EC) No. 1907/2006 – ISO 11014-1".
UK REACH Competent Authority Information Leaflet 13 – REACH and SDS - May 2008.

Revisions comments: New product.

Trend MSDS ref: LEAF/HS/T60PU

Legal disclaimer: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the stage of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation,

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