

UHU®**SAFETY DATA SHEET**

IN ACCORDANCE WITH THE LEGISLATION OF GREAT BRITAIN

ACTION + EXTRA MULTI PURPOSE STRONG GLUE**1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY**

Commercial Product Name:

UHU Action+ Extra Multi Purpose Strong Glue.

Company..... UHU U.K. Limited,
Grove House,
551 London Rd., Isleworth
Middlesex, TW7 4DS

Telephone..... 0181 847 2227.

Fax..... 0181 569 8530.

2. INFORMATION ON INGREDIENTS

Chemical nature of the preparation: Solvent containing adhesive based on polyurethane rubber.

Hazardous components:

CAS-No.	Hazardous components	%	Classific	R-phrse(s)
141-78-6	ethyl acetate	>40	F	11
67-64-1	acetone	>25	F	11
064742-89-8	petroleum fractionating cut	<5		10
141-78-6	ketone/aldehyd resin, 50% in ethyl	<5	F	11
25068-38-6	epoxy resin, mw. <= 700	<1	Xi	36/38-43

3. HAZARDS IDENTIFICATION

Most important hazards: F - Highly flammable

R-phrse(s): R11 - Highly flammable.

Classification: The product is classified and labelled in accordance with the EC Directive 91/155/EWG.

4. FIRST-AID MEASURES

General advice: Take off all contaminated clothing immediately. Show this safety data sheet to the doctor in attendance.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

Skin contact: Wash off with soap and plenty of water.

Eye Contact: Rinse immediately with plenty of water and seek medical advice.

Ingestion: Do not induce vomiting. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURESSuitable extinguishing media: Water, dry chemical, foam, carbon dioxide (CO₂).

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: None

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Methods for cleaning up: Take up mechanically and collect in suitable container for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Safe handling advice: Keep container tightly closed in a dry and well-ventilated place. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Technical precautions: Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke.

Storage conditions: Keep in a dry, cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Handle in accordance with good industrial hygiene and safety practice.

CAS-No.	Hazardous components	%	Classification
141-78-6	Ethyl Acetate	>40 MAK	400 ml/m ³
67-64-1	Acetone	>25 MAK	500 ml/m ³
064742-89-8	Petroleum fractionating cut	<5 MAK	100 ml/m ³
141-78-6	Ketone/Aldehyd resin, 50% in ethyl	<5 MAK	400 ml/m ³
25068-38-6	Epoxy resin, mw <= 700	<1 MAK	- ml/m ³

Personal protection equipment: Even in the case of full release, due to the small amount of substances present it is not expected that exposure limits will be reached.

Technical precautions: It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.

Respiratory protection: None

Hand Protection: None

Eye Protection: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Form..... Liquid

Colour..... Colourless

Odour..... Characteristic

Melting point..... N/A

Boiling point..... 56°C

Flash point..... -17°C DIN 51 755

Ignition temperature..... ≈ 460°C DIN 51 794

Autoflammability..... None

Explosive properties: Vapours may form explosive mixture with air.

Explosion Limits..... lower: 2,1 Vol%

..... upper: 13 Vol%

Vapour pressure: 20°C ≈ 230 mbar DIN 51 754

Relative density: 20°C g/cm³ DIN 51 757

Water solubility..... Partly soluble

Viscosity..... 20°C dPas

pH..... N/A

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10. STABILITY AND REACTIVITY

Conditions to avoid: None under normal use.
Hazardous decomposition products:
Under conditions giving incomplete combustion,
Hazardous gases produced may consist of :
nitrogen oxides (NO_x), Hydrogen chloride gas.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

ethyl Acetate	LD50/oral/rat=	>5600 mg/kg
acetone	LD50/oral/rat=	9750 mg/kg
petroleum fractionating cut	LD50/oral/rat=	>5000 mg/kg

Skin contact: Prolonged skin contact may cause skin irritation.

Eye contact: None

Sensitization: None

Further information: Health injuries are not known or expected under normal use.
Solvents may degrease the skin.

12. ECOLOGICAL INFORMATION

Slightly water contaminating.

Do not flush into surface water or sanitary sewer system.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Can be incinerated, when in compliance with the Environment Protection Act 1990 (Process Guidance Note IPR5/1). Empty remaining contents.

Contaminated packaging: As above

14. TRANSPORTATION INFORMATION

ADR/RID

Class.....	3 Flammable Liquid
Item.....	5c
Proper shipping name.....	Adhesive
UN-No.....	1133

According to marginal 2301a exempt from ADR/RID regulations: Liquids not more than 5 litres per inner packaging and not more than 20 litres per package.

IMO

Class.....	3.2
UN-No.....	1133
IMDG Page.....	3174
EmS.....	3-05
MFA.....	330
Packaging Group.....	III
Proper shipping name.....	Adhesive

ICAO

Class.....	3
UN-No.....	1133
Proper shipping name.....	Adhesive
Packing Group.....	III

15. REGULATORY INFORMATION

Classification according to EC Directive.

Risk abbreviation and symbol of the product:

F - Highly flammable.

Risk determining compound for labelling:

ethyl acetate

acetone.

R-Phrase (s):

R11 - Highly flammable.

S-Phrase(s):

S7/9 - Keep container tightly closed and in a well ventilated place.

S16 - Keep away from sources of ignition -

No smoking.

S23 - Do not breathe vapour.

S51 - Use only in well ventilated areas.

Specific hazards: None

Contains: None

16. OTHER INFORMATION

Take notice of the direction of use on the label.

NOTE: N/A=Not Applicable

The information provided in this Safety Data Sheet is correct to the best of our knowledge, at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage transportation, disposal and release and is not to be considered a warranty or quality specification.

UHU®



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