

PRODUCT SAFETY DATA SHEET



POLYURETHANE ADHESIVE

Issue: 2. Issue Date: 08/08/ 2004.

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME. Polyurethane Adhesive.

SUPPLIER. KINGFISHER BUILDING PRODUCTS Ltd.
COOPER LANE.
BARDSEA BUSINESS PARK
ULVERSTON
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LA12 9RA.

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2. COMPOSITION / INFORMATION ON INGREDIENTS.

INGREDIENT NAME.	CAS.No	CONTENTS W/W %	HEALTH (Class)	RISK (R No.)
Diphenylmethane 4, 4-di-isocyanate (MDI) monomer.	101-68-8	5 – 25	Xn	20-36/37/38-42
Polyurethane polymer and other additives Non hazardous.		to 100		
Diethylene glycol monobutyl ether acetate.	124-17-4	1 – 10	Xi	36/38

3. HAZARDS IDENTIFICATION

- Harmful.
- Irritating to eyes, respiratory system and skin (R36/37/38).
- May cause sensitisation by inhalation (R42).
- Contains Isocyanates.
- Low hazard once fully cured.

4. FIRST AID MEASURES.

SKIN CONTACT

- After contact with skin, wash immediately with copious amounts of soap and water. (28).
- Do not use solvents to clean the skin.
- Seek medical attention if irritation persists.

EYE CONTACT.

- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice (S26)

INGESTION.

- Seek immediate medical attention.
- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected seek immediate medical attention.

INHALATION.

- Remove patient to fresh air and keep warm and at rest.
- Persons who have inhaled the substance may not exhibit symptoms immediately Seek medical attention if ill effects occur.

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5. FIRE FIGHTING MEASURES.

- In case of fire use foam, carbon dioxide or dry agent (S43).
- Substance evolves toxic fumes; wear self – contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES.

- Ventilate area.
- Absorb spillage in suitable inert material.
- Sweep or shovel up spillage and remove to a safe place.
- Neutralise with water.

7. HANDLING AND STORAGE.

- DO NOT breathe vapours (S23)
- Use only in well ventilated areas (S51)
- Avoid contact with skin and eyes.
- If applying this product by spray, the provision of a spray booth or similar enclosure is essential.

- Store away from food, drink and animal feeding stuffs (S13)
- Keep container tightly closed and dry(S7/8)
- Store above 5°C
- Do not store above 30°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT .	LT EXP (8 Hrs)	ST EXP (15 Min)
Diphenylmethane 4, 4-di-isocyanate (MDI) monomer	ppm 0.02 mg/m ³	ppm 0.07 mg/m ³
Polyurethane polymer and other additives	Non – hazardous.	No exposure limits set for this substance
Diethylene glycol monobutyl ether acetate.		No exposure limits set for this substance.

- Wear suitable protective clothing, including eye/face protection and gloves. (Plastic or rubber is recommended.)
- In case of insufficient ventilation, wear suitable respiratory equipment(S38)

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9. PHYSICAL AND CHEMICAL PROPERTIES.

- Liquid, Brown, viscous, miscible with most organic solvents.
- Combustible.
- Perceptible Odour.
- Boiling Point > 200°C.
- Flash Point > 100°C.
- pH. Not applicable.
- Specific Gravity 1.10 g / cm³.
- Vapour Pressure Not known.
- Insoluble in water.
- Viscosity 10,000 centipoises at 20°C.

10. STABILITY AND REACTIVITY

- Stable
- Reacts with moist air and water.
- Reaction products may include carbon oxides.
- Immiscible in water.

11. TOXICOLOGICAL INFORMATION.

- Irritating to eyes, respiratory system and skin (R36/37/38)
- May cause sensitisation by inhalation (R42).
- Prolonged skin contact will result in defatting of the skin, leading to irritation and in some cases dermatitis.
- In cases of repeated exposures, regular medical examination is advised.
- In cases of severe exposure, asthma may develop

12. ECOLOGICAL INFORMATION.

- Not readily bio – degradable.

13. DISPOSAL CONSIDERATIONS

- This material and/or its container should be disposed of as hazardous waste.
- Disposal should be in accordance with local and national legislation.

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14. TRANSPORT INFORMATION

- Not Applicable. Not classified as hazardous

15. REGULATORY INFORMATION

LABEL FOR SUPPLY :



Irritant, Xi



Sensitizer Xn

RISK PHRASES : R36/37/38 Irritating to eyes, respiratory system and skin.
R42 May cause sensitization by inhalation.

SAFETY PHRASES : S26. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28. After contact with skin, wash immediately with plenty of soap and water.
S38. In case of insufficient ventilation, wear suitable respiratory equipment.
S45 In case of accident or if you feel unwell, seek medical advice immediately. (Show product label if possible.)

16 OTHER INFORMATION

THE INFORMATION GIVEN IN THIS DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THE COMPANY'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER NOWARRANTY, GUARANTEE OR REPRESENTATION IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY OF SUCH INFORMATION FOR THEIR OWN USE