

J-Foam 130 Part B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: J-Foam 130 Part B
Chemical Name: MDI Isocyanate hardener
Supplier: Jacobson Chemicals Ltd
 Unit 4
 Newman Lane Industrial Estate
 Alton
 Hants
 GU34 2QR
Telephone: 01420 86934
Fax: 01420 549574
E-mail: sales@jacobsonchemicals.co.uk

2. COMPOSITION

Substance: No
Substance Name: 4, 4-diphenylmethane diisocyanate isomers & homologues.
EC Index No: 615 005-01-6
CAS Number: 9016-87-9
EEC Number: -

<u>Constituents</u>	<u>Range</u>	<u>Haz Symt</u>	<u>Risk</u>
Diphenylmethane diisocyanate	60-100	Harmful/ Xn	20, 36/37/38, 42

3. HAZARD IDENTIFICATION

The most important hazards are: Harmful by inhalation, irritant to eyes, respiratory system and skin.
Inhalation: Harmful by inhalation
Skin Contact: Irritant to skin.
Eye Contact: Irritating to eyes
Ingestion: -

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4. FIRST AID MEASURES

Immediate medical attention:	Yes
Professional assistance from physician required?	Yes
Inhalation:	Move to fresh air. Perform artificial respiration if breathing has stopped. Keep affected person warm and at rest. Get prompt medical attention.
Skin Contact:	Remove soiled clothing. Wash affected area with soap and water. Obtain medical attention if irritation persists after washing.
Eye Contact:	In case of contact, immediately flush with plenty of water for at least 15 minutes. Seek medical attention.
Ingestion:	Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk. Seek medical attention. Never make an unconscious person vomit or drink fluids! Get medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Carbon dioxide, foam dry powder or water spray.
Special protective equipment:	Suitable respiratory equipment
Exposure hazards:	May develop highly toxic or corrosive fumes if heated.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear gloves and goggles. Use adequate ventilation. Flush area with water. Collect with absorbent material into suitable container.
Methods of Cleaning:	Wipe, scrape or soak up in an inert material and dispose of according to local authority regulations.

7. HANDLING & STORAGE

Avoid spilling, skin and eye contact. Ventilate well; avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Wear full protective clothing for prolonged exposure and/or high concentrations. Do not use contact lenses. Avoid contact with water, alcohols, amines and other minerals that may react with isocyanate.

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8. EXPOSURE CONTROLS & PERSONAL PROTECTION

OES: 8 hours: 0.02 mg/m³, 15 minutes: 0.07mg/m³.

Ventilation:	Provide adequate local and general exhaust ventilation.
Respiratory protection:	General respiratory protection. No specific recommendation made, but respiratory protection must be used if general level exceeds the Occupational Exposure Level (OEL). Use chemical cartridge protection with a gas cartridge (organic substances)
Hand Protection:	Use rubber gloves eg. Nitrile, PVC, latex.
Eye Protection:	Splash proof goggles to prevent any possibility of eye contact. Contact lenses should not be worn whilst using this material.
Other Protection:	Wear suitable protective clothing. Use good hygiene procedures. Provide eyewash etc.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Earthy
Colour:	Amber brown
Flash Point:	>200°C
Specific Gravity:	1.20 gcm ⁻³
Viscosity:	2200 mPas @ 20°C
Solubility in water:	Insoluble in water
% volatile by volume:	Soluble in organic solvents

10. STABILITY & REACTIVITY

Conditions to avoid:	Freezing
Materials to avoid:	Avoid contact with acids, bases or oxidizing agents, alcohol, glycols.
Hazardous decomposition products:	Carbon dioxide, carbon monoxide, hydrogen cyanide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀(mg/kg):	2200 mg/kg (See section 3)
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12. ECOLOGICAL INFORMATION

LC50: 96 hrs Fish (mg/kg): >1000 mg/li
 LC50: 48 hrs Daphnia (mg/l): >1000 mg/li

Dangerous for the environment if discharged into the watercourse.

13. DISPOSAL CONSIDERATIONS

Disposal is normally achieved by burial or combustion on an approved site and according to local authority regulations.

14. TRANSPORT INFORMATION

UN Number: None
 Proper Shipping Name: None
 Additional Data: Non hazardous for transport
 IMO - Sea: None
 ICAO - Air: None
 ADR - Road: None
 Transport Category: None
 Limited Quantity Size: None

15. REGULATORY INFORMATION

Supply label information: Harmful
 Hazard Symbol: **Xn**
 Risk Phrases: R20: Harmful by inhalation.
 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.
 S24/25: Avoid contact with skin and eyes.
 Keep container tightly closed when not in use.
 Do not allow the ingress of moisture.
 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 label where possible).
 Contains isocyanate. See information supply by the manufacturer.
 Keep container tightly closed when not in use.
 Do not allow the ingress of moisture.

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16. OTHER INFORMATION

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| <p>a) Training needs:</p> <p>b) Recommended uses and restrictions:</p> <p>c) Further references:</p> <p>d) Key data sources:</p> | <p>For further information contact our office.</p> <p>For use as a flexible moulding material for industrial applications only. Not for direct contact onto skin on any account.</p> <p>i) HSE-EH40/98: Occupational exposure limits 1998.
ii) Suppliers Health & Safety data sheet.
iii) Croner's Hazard information and packaging.</p> |
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The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

NOTE:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.