

MATERIAL SAFETY DATA SHEET

EGGER D4 ADHESIVE



1. Product Information

Manufacturer /Distributor:	EGGER (UK) Ltd
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Tradename / Type:	EGGER D4 ADHESIVE
Uses:	Adhesive for the tongue & groove of the boards and applied to the joists.
Description:	D4 grade adhesive conforming to EN204/D4

2. Information on Ingredients

DIPHENYLMETHANE DIISOCYANATE (isomer & homologues): 10 - 30%; CAS. No. 9016-87-9; Risk Phrases: R20, R36/37/38, R42

3. Hazards Identification

Irritating to eyes, respiratory system & skin. May cause sensitisation by inhalation.

4. First Aid Measures

Eyes: Wash out with copious amounts of warm water. Consult a doctor if discomfort persists.

Skin: Wash off with soap and water before product dries. Remove soiled clothing and launder before re-use.

Ingestion: Give water to drink. Consult a doctor. DO NOT induce vomiting.

Inhalation: Remove to fresh air. Consult a doctor if the symptoms persist.

5. Fire Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, Chemical foam, dry chemical powder.

Fire Hazards: Thermal decomposition results in toxic fumes. Wear self contained breathing apparatus. Wear clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Spill Precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Environmental Precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to suitable container for disposal and store outside. Neutralise with water containing 1% wetting agent to avoid build-up of pressure due to the evolution of carbon dioxide, do not seal containers until fully reacted.

7. Handling and Storage

Storage: Store in a cool, well ventilated area. Keep container tightly closed.

Handling: Ensure there is sufficient ventilation of area. Avoid direct contact with the substance.

8. Exposure controls

Engineering Measures: Ensure there is sufficient ventilation of the area.

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment. If exposure levels are likely to be exceeded use a face mask fitted with AXP3 filter for short term low level exposures, or for long term/high level exposures a positive pressure air fed mask should be used.

Hand Protection: Rubber Gloves.

Eye Protection: Safety Goggles.

Skin Protection: Protective work clothing to avoid skin contact.

OEL:Isocyanates, all (as-NCO) - MEL 8 hour TWA 0.02 mg/m³ ; STEL 15 minute 0.07 mg m³ - Sen

9. Physical and chemical properties

State: Liquid. Colour: Dark Brown. Odour: Characteristic odour.

Chemical Details:

Visosity in liquid	4000-6000 mPas	SG of Liquid	1.12	Ph
Vapour pressure		Solubility in water	Reacts with water	

10. Stability and Reactivity

Product is stable under normal conditions. Conditions to Avoid: Heat, moist air.

Materials to avoid: Water, Strong acids, Strong bases.

Hazardous Decomposition Products: In combustion emits toxic fumes.

11. Toxicological Information

Eye Contact may result in soreness or smarting. Skin contact may cause irritation. Ingestion may cause nausea.

Inhalation may lead to choking, coughing and dizziness.

May cause sensitisation by inhalation. May cause sensitisation by skin contact.

DIPHENYLMETHANE DIISOCYANATE (isomer & homologues): Oral rat LD50 49mg/kg; skin rabbit LD50 >9400mg/kg

12. Ecological Information

Mobility: Reacts with water to form an insoluble polyurea. Do not discharge into natural waters without pre-treatment.

Degradability: Biodegradable in part only.

No data available for bioaccumulation potential.

13. Disposal Conditions

Licensed waste contractor to dispose of any waste product or its packaging. It is however the user's responsibility to ensure wastes are disposed of in accordance with all valid laws.

14. Transport Information

Not classified as hazardous for transport.

15. Regulatory Information

R36/R37/R38 : Irritating to eyes, respiratory system and skin

R42 : May cause sensitisation by inhalation.

S23 : Do not breathe vapour.

S63 : In case of accident by inhalation, remove casualty to fresh air and keep at rest.

S36/S37/S39 : Wear suitable protective clothing, gloves and eye/face protection

S24/S25 : Avoid contact with skin and eyes

S38 : In case of insufficient ventilation, wear suitable respiratory equipment.

S29 : Do not empty into drains.

S35 : This material and its container must be disposed of in a safe way.

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.

Within the UK, the use of this material must be assessed under the Control of Substances Hazardous to Health (COSHH) regulations.

16. Additional Information

Risk phrases used in section 2: R20: Harmful by inhalation. R36/37/38: Irritating to eyes, respiratory system 7 skin. R42: May cause sensitisation by inhalation.

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