

SAFETY DATA SHEET

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1. PRODUCT NAME: CEM/1 Photoboard

2. COMPANY DETAIL: Fotomechanix Ltd
P.O. Box 4344
30 Curzon Street
Birmingham B4 7XD
Telephone: 0121 380 0100

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Composition: Rough percentage excluding copper:

29.5% Cellulose paper

17.5% Glass cloth

53% Epoxy resin

Copper content in standard laminate 1.5mm, 1 side clad 35µm, is around 12%

4. HAZARDS INFORMATION: None

5. FIRST AID MEASURES: Not applicable

6. FIRE FIGHTING MEASURES: All the available fire-extinguishing systems could be used. The material is rated as fire resistant. In the event of fire, cautions must be taken with the fumes. Heavy fumes containing phenois, formaldehyde, and hydrogen bromide will release at temperatures higher than 300°C.

7. MEASURES IN CASE OF SPILLAGE: Not applicable

8. HANDLING AND STORAGE: Can be stored in any indoor climatic condition.

9. PERSONAL PROTECTION AND LIMITS OF EXPOSURE:

Inhalation:

Threshold Limit Value: Not applicable

Work in good ventilated rooms during machining or heating processes. Provide for dust safety suction systems during machining processes. Use personal dust mask in systemic or prolonged dust exposures.

Eyes: Not applicable

Skin & Hands: Not applicable

General Hygienic Rules: Keep working clothes clean of dust by some safety suction device.

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10. PHYSICAL AND CHEMICAL PROPERTIES:

Nature:	Solid, polymeric matrix
Colour:	White
Odour:	None
Specific Gravity:	1.70kg/m ³ (Bulk mass)
Solubility In Water:	Insoluable
Ignition Point:	>250°C
Thermal Decompostion Fumes:	See paragraph 6

11. STABILITY AND REACTIVITY:

The product is stable and unreactive in the normal storage and process conditions.

12. TOXICOLOGICAL INFORMATION:

Not Applicable

13. ECOLOGICAL INFORMATION:

This product is not easily biodegradable.

14. DISPOSAL CONSIDERATIONS:

Waste Disposal:	Dispose through a licensed waste disposal company. The product is free from dibenzodioxines and dibenzofuranes precursor components.
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15. TRANSPORT INFORMATION:

None

16. REGULATORY INFORMATION:

Not Applicable

17. OTHER INFORMATION:

International Standards covering this product:

IEC-249-2-9
NEMA Li 1, CEM-1

The information given in this safety data sheet is correct to the best of our knowledge, but no guarentee, implied or otherwise, is made.