

SAFETY DATA SHEET

1.PRODUCT NAME: Fotoboard Substrate FR4

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

Telephone: 0121 359 1916

3.COMPOSITION/INFORMATION ON INGREDIENTS:

COMMON CHEMICAL NAME: Polymerised Epoxy Resin

COMPOSITION: Epoxy glass laminate with copper facing, coating with a positive resist

CHEMICAL FAMILY: Resins

CAS NAME AND NUMBER: 25068-38-6 Epoxy Resin

INGREDIENTS CONTRIBUTING TO THE HAZARD: Bisphenol A- (Epichlorohydrin) (Reaction Product)

4. HAZARDS INFORMATION:

HAZARD IDENTITY: Irritant

RISK PHRASES: R37/38 - Irritating to respiratory system and skin
R43 - May cause sensitisation by skin contact

SAFETY PHRASES: S28 - After contact with skin, wash immediately with plenty of water
S37/39 - Wear suitable gloves and eye/face protection

5. FIRST AID MEASURES:

EYE CONTACT: Flush with plenty of water. Seek Medical Advice

SKIN CONTACT: Wash immediately with water

INHALATION: Remove from exposure. Seek medical advice

INGESTION: Seek medical advice

NOTE FOR DOCTORS:

6.FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Non - flammable

SPECIAL EXPOSURE HAZARDS: N/A

**HAZARDOUS DECOMPOSITION/
COMBUSTION PRODUCTS:** N/A

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MATERIALS:	UNSUITABLE	SUITABLE
	Not Known	Not Known

9.EXPOSURE CONTROLS/PERSONAL PROTECTION:**PERSONAL PROTECTIVE EQUIPMENT:** Wear suitable gloves and eye/face protection. Use extractors or respirators when machining**CONCENTRATION LIMITS:**
5% ≤ Concentration (Irritant)
1% ≤ Concentration < 5% (Irritant)**INSTALLATION CONTROL:** See Storage**10.PHYSICAL AND CHEMICAL PROPERTIES:**

APPEARANCE:	Solid
DENSITY	
Vapour (air = 1.0)	
Liquid kg/m ³ at °C	1.93
Bulk kg/m ³ at °C	
ODOUR:	Odourless
MOLECULAR WEIGHT:	≤ 700
pH:	N/A
SOLUBILITY:	N/A
BOILING POINT:	N/A
MELTING POINT:	N/A
VAPOUR PRESSURE AT °C:	N/A
FLASH POINT:	N/A
FLAMMABILITY:	N/A
AUTOFLAMMABILITY:	N/A

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11. STABILITY AND REACTIVITY:

STABILITY: Stable

CONDITIONS TO AVOID: N/A

MATERIALS TO AVOID:

-WATER: N/A
-AIR: N/A
-ACIDS: N/A
-BASES/ALKALIS: N/A
-OXIDISING AGENTS: N/A
-OTHER CHEMICALS: N/A

HAZARDOUS DECOMPOSITION

PRODUCTS: N/A

12. TOXICOLOGICAL INFORMATION:

EFFECT OF SUBSTANCE:

-ON EYES: Irritating to eyes
-ON SKIN: Irritating to skin
-BY SKIN ABSORPTION: Not Known
-BY INGESTION: Irritating to throat and digestive tubes
-WHEN INHALED
ACUTE EFFECT: Irritating to respiratory tract
CHRONIC EFFECT:

13. ECOLOGICAL INFORMATION:

No information known as to the ecological effects

14. DISPOSAL CONSIDERATIONS:

SPILLAGES: Possible to sweep up

WASTE: Dispose of through a licenced waste disposal firm

15. TRANSPORT INFORMATION:

UN NUMBER: Not known

ADR/RID CLASSIFICATION: Not known

IMO CLASSIFICATION: Not known

IATA CLASSIFICATION: Not known

HAZCHEM CODE: Not known

TREMCARD NUMBER: Not known

NORMAL CARRIAGE PRESS.: 50% relative humidity

NORMAL CARRIAGE TEMP.: 19°C

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16.REGULATORY INFORMATION:

LABELLING ACCORDING TO EEC DIRECTIVES:

-EEC NUMBER: N/A

RELEVANT STATUTORY INSTRUMENTS:

SI 1988/1657 Control of Substances Hazardous to Health Regulations

SI 1993/1746 Chemicals (Hazard Information and Packaging) Regulations

17.OTHER INFORMATION

N/A