

PHOTO ETCH EMULSION MATERIAL SAFETY DATA SHEET

Complies with Directive 91/155/EEC

1. Product & Company Identification.

Product Identification: Photo Emulsion

Supplier: Intaglio Printmaker
9 Playhouse Court
62 Southwark Bridge Road
London
SE1 0AT
Tel: +44 (0) 207 928 2633
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2. Composition/information on Ingredients

Ingredients	Cas No.	Symbol	R phrases	Concentration
2-Butoxyethyl Acetate	112-07-2	Xn	R20/21	15-20%
Acrylic acid, monoalkyl-,aryl or Alkylaryl (esters of nos)	nil	Xi N.	R36/37/38, R51/53	30-35%
2-Methyl-1-(4-Methylthiophenyl)-2-	71868-10-5	Xn. N.	R22, R51/53	1-5%
Morholinopropan-1-One Acetic Acid	64-19-7	C	R10, R35	<1%
2-(2-Butoxyethoxy) Ethanol	112-34-5	Xi	R36	0.1-5%

3. Hazard Identification.

- Irritating to eyes, respiratory system and skin.
- Toxic to aquatic organisms, may cause long term adverse effects in the environment.

4. First Aid Measures.

- **Skin:** Remove all contaminated clothing. Immediately wash affected area with plenty of soap and water. If contaminated area is extensive place under shower and drench for 10 minutes. If irritation persists obtain medical attention. Clothing should be thoroughly washed or dry cleaned before re-use.
- **Eyes:** Irrigate thoroughly with water for at least 10 minutes, Hold eyelids open if necessary, obtain medical attention.
- **Inhalation:** Remove from exposure, keep warm and at rest. If there is respiratory distress give oxygen if available and if first aider has been trained in its application. If respiration stops or shows signs of failing, apply artificial respiration. Do not use mouth to mouth ventilation. Obtain medical attention urgently.
- **Ingestion:** Wash out mouth with water and give plenty of water to drink. Do not induce vomiting. Obtain medical attention urgently.

5. Fire Fighting

- **Extinguishing media:** CO₂, Dry powder, alcohol resistant foam, or water fog. DO NOT USE WATER JETS.
- **Special Hazards:** None
- **Decomposition:** Thermal degradation products may be formed which are acidic and acrid.
- **Protective equipment:** Appropriate protective clothing, self contained breathing apparatus.

6. Accidental Release Measures.

- **Personal Protection:** Appropriate protective clothing, gloves, face mask, goggles/glasses. Extinguish all sources of ignition.
- **Environmental Precautions:** Avoid release into the environment; refer to special instructions/safety data sheets.
- **Spillages:** Absorb with earth, sand, or other inert material, place in suitable container and dispose of in accordance with national/local regulations relating to special waste disposal.

7. Handling and Storage.

- **Handling:** Observe normal standards of industrial hygiene for handling chemicals. Use in well ventilated areas. Avoid inhaling vapour, contact with eyes, skin and clothing. Keep container tightly closed when not in use.
- **Storage:** Store in cool, dry, well ventilated area, keep container firmly closed, no smoking and keep away from direct sunlight and sources of ignition.

8. Exposure Controls/Personal Protection

- U.K HSE EH:40: Not listed
- M.E.L / O.E.S: Nil
- Engineering Controls: Local exhaust and/or dilution ventilation.
- Personal Protection: Wear personal protective equipment appropriate to the task, no smoking, eating or drinking in the workplace.

9. Physical and Chemical Properties

- Boiling Point: n/a EC
- Form: Paste
- Flash Point: n/a EC (based on solvent)
- Colour: Silver
- Density: 200 kg/m
- Odour: Slight

10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Conditions to avoid:** Sources of ignition. High temperatures and direct sunlight.
- **Materials to avoid:** Oxidising agents.

11. Toxicological Information.

- Irritating to eyes, respiratory system and skin

12. Ecological Information.

- Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. Avoid release into the environment.

13. Disposal Recommendations.

- Product disposal UK special waste regulations 972 of 1996 may be relevant for the disposal of this product. Waste material must be disposed of in accordance with national/local legislative requirements.
- Container disposal: This material and its container must be disposed of as hazardous waste.

14. Transport Information.

- Not classified as hazardous for transportation.

15. Regulatory Information.

- **Labelling Information:** Irritant. Dangerous for the Environment.
- **R phrases:** R36/37/38, R51/53
- **S phrases:** S24/25, S26, S60, S61
- **EINECS No:** Not listed
- **EC annex I classification:** Nil

16. Other Information

- Safety Data Sheet first issued February 1996. Safety Data Sheet revised October 2002.
- Uses and Restrictions: Nil.
- UK Legislation Control of Substances Hazardous to Health Regulations as amended.
- Chemical (Hazard Information for Packaging and Supply) Regulations 2002.
- UK HSE Guidance notes EH:40

Notice: Information contained in this data sheet is based on current knowledge and usage, customers should satisfy themselves as to the suitability of this product for their own particular use.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.