

ERASOL MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product name: Erasol
Use/Description: For erasing work on zinc litho plates

Supplier: Intaglio Printmaker
9 Playhouse Court
62 Southwark Bridge Road
London
SE1 0AT
Tel: +44 (0) 207 928 2633
Email: info@intaglioprintmaker.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

- **Ingredient 1:** Potassium Hydroxide in a weak solution.
Clear solution
KOH

3. HAZARDS IDENTIFICATION

- **Main hazards:** Irritant

4. FIRST AID MEASURES

Symptoms

- **Skin contact:** There may be irritation and redness at the site of contact.
- **Eye contact:** There may be irritation and redness.
- **Ingestion:** There may be soreness and redness of the mouth and throat.

Actions

- **Skin contact:** Wash well with water
- **Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- **Ingestion:** DO NOT induce vomiting. If substance swallowed is corrosive, give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Not a fire hazard

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** Use protective gloves and protect eyes against splashing.
- **Environmental precaution:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- **Clean-up procedures:** Water

7. HANDLING AND STORAGE

- **Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.
- **Storage conditions:** Store in cool, well-ventilated area. Keep container tightly closed.
- **Suitable packaging:** UN approved poly containers with vented caps.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Engineering measures:** Ensure there is sufficient ventilation of the area.
- **Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- **Hand protection:** Protective gloves.
- **Eye protection:** Safety goggles/ Face-shield. Ensure eye bath is to hand.
- **Skin protection:** Protective gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **State:** Liquid
- **Colour:** Clear
- **Odour:** Characteristic odour
- **Solubility in water:** Miscible
- **Boiling point/range° C:** 107
- **Relative density:** 1.15

10. STABILITY AND REACTIVITY

- **Conditions to avoid:** Heat. Direct sunlight.
- **Materials to avoid:** Acids. Amines. Finely powdered metals. Organic materials.
- **Haz. decomp. Products:** Contact with acids liberates toxic gas.

11. TOXICOLOGICAL INFORMATION

- **Toxicity:** Potassium Hydroxide

12. ECOLOGICAL INFORMATION

- **Mobility:** Soluble in water.
- **Biocumulative potential:** No bioaccumulation potential.
- **Other adverse effects:** Slightly toxic to aquatic species.

13. DISPOSAL CONSIDERATIONS

- **Waste disposal:** Arrange for collection by specialised disposal company.
- **NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR/RID

UN no.: 1814

ADR Class: 8

Hazard ID no.: 80

Labelling: 8

Shipping name: Potassium Hydroxide

IMDG/IMO

UN no. :1814

Class: 8

Packing group: III

EmS: 8-08

Marine pollutant: NO

Labelling: 8

IATA/ICAO

UN no. :1814

Class: 8

Packing group: III

Packing instructions: 821

Quantity: 60 L

Labelling: 8

15. REGULATORY INFORMATION

- **Hazard symbols:** Irritant
- **Risk phrases:** Skin Irritant
- **Safety phrases:** S2- Keep out of reach of children
S24/25 - Avoid contact with skin and eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

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.

16. OTHER INFORMATION

WARNING: Do not use with other products.

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.