

RHINDS STOPPING OUT VARNISH (Dark)
MATERIAL SAFETY DATA SHEET
Complies with Directive 91/155/EEC

1. Product & Company Identification

Product Identification: Varnish for use in printmaking.

Supplier: Intaglio Printmaker
9 Playhouse Court
62 Southwark Bridge Road
London
SE1 0AT
Tel: +44 (0) 207 928 2633

2. Composition / Information on Ingredients

A solution of bitumen in xylene.

Substance	CAS no.	Percentage %	Symbol	Risk Phrases
Xylene	1330-20-7	Up to 40%	Xn XI	R20/21 R38 R10

3. Hazards Identification

- Harmful by inhalation and contact with skin.

4. First Aid Measures

- **Eye Contact:** Flush eye with water or approved eye wash solution for not less than 10 minutes.
- **Skin Contact:** Wash with warm soapy water for at least 5 minutes.
- **Inhalation:** Remove to fresh air.
- **Ingestion:** Do not induce vomiting. Rinse the mouth and give quantities of water.

5. Fire-Fighting Measures

- **Extinguishing media:** Use dry powder, foam or water spray. Never use water jet.
- **Protective equipment for fire fighters:** Standard

6. Accidental Release Measures

- **Personal Precautions:** PVC synthetic rubber gloves, goggles/face shield, helmet, protective footwear, overalls and barrier cream
- **Environmental Precautions:** Should not be allowed to enter sewers and water courses. If this cannot be avoided the appropriate authorities should be informed.
- **Methods for cleaning up:** Absorb in earth or sand and place in containers for disposal. Shut off sources of ignition. Ventilate area and wash spill thoroughly after material pick-up is complete.

7. Handling and Storage

- Material should only be handled by trained personnel.
- Effective ventilation is necessary to prevent build-up of vapour.
- No smoking or naked flames.
- Keep containers tight and away from heat sources.
- Bulk quantities should be stored in properly designed and installed systems.

8. Exposure Controls / Personal Protection

- **Control limits:** Xylene-OES 8hr TWA 435 mg/m³
- **Respiratory protection:** Relevant to circumstances.
- **Hand protection:** PVC/Synthetic rubber gloves.
- **Eye protection:** Goggles/face shield
- **Skin Protection:** Helmet, protective footwear, overalls, barrier creams.
- **General:** Contaminated clothing should not be worn. Oily rags should not be put in pockets and outer clothing should be changed regularly. Shower or bathe at end of working.

9. Physical and Chemical Properties

Physical Form: Viscous Liquid

Appearance/Colour: Dark Brown/Black

Odour: Characteristic

PH of Aqueous Solution: Not applicable

Melting point: Not Determined

Boiling point: Not Determined

Viscosity: 50-60 poise @ 21 °C

Flash Point: Approximately 25 °C

Flammability solid/gas: Not Determined

Autoignition temperature: Not Determined

Explosive properties: Not Determined

Oxidising properties: Not Determined

Density: Approximately 0.9 kg/m³ @ 20°C

Vapour Pressure: Not Determined

Water Solubility: Insoluble

Other Solubility: Miscible with most petroleum products

Bulk Density: Not Determined

Partition coefficient octanol/water: Not Determined

Explosive Limits: Not Determined

10. Stability and Reactivity

- **Thermal decomposition:** Stable under normal conditions of use. A complex mixture of irritating fumes in fire conditions.
- **Hazardous reactions:** Danger of spontaneous combustion of rags/cloths. Ensure these materials are dealt with properly (see accidental release measures).

11. Toxicological Information

Exposure to high concentration of vapour for a prolonged period may lead to dizziness, nausea and sickness and could also cause irritation to eyes, skin and respiratory system. Swallowing the concentrated material may cause nausea and discomfort.

12. Ecological Information

Biodegradation: Expected to be slowly but ultimately biodegradable

Ecotoxicity: Fish (96hr LC[∞])
Daphnia (48hr [∞])
Algae (72hr [∞])

13. Disposal Considerations

Disposal should be carried out in compliance with Part 2 of the EPA 1990 regulations. Consult your local waste regulatory authority if in doubt.

14. Transport Information

- **UN number:** 1263
- **IMDG code/class:** Class 3
- **ICAO/IATA (air) class:** Class 3
- **RID/ADR class:** Class 3 Item 31(c)
- **ADNR class:** Class 3

15. Regulatory Information

Classification: Primary Hazard: Xn
Risk Phrases: R10 - Flammable
R20/21 - Harmful by inhalation and in contact with skin.
Label: No symbol
Safety Phrases: S2 - Keep out of reach of children
S23 - Do not breathe vapour
S37 - Wear suitable gloves
S46 - If swallowed, seek medical advice immediately and show container and label.
CAS Registry No: Intentional Mixture
EINECS No: Intentional Mixture
Exposure Limits: Xylene – OES 8hr TWA 435 mg/m³
National Legislation: The Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations 1994
The Control of Substances Hazardous to Health Regulations: S.1657 (1988)

16. Other Information

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.