

SAFETY DATA SHEET

acc. to Regulation (EC) 1907/2006, Article 31

B.I.G.

Edition: 3
Date: 1/3/24
Revision of:

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product name: B.I.G.
Quality: (See Chapter 16)

Application of the Substance/Preparation:
*To be used as an etching ground for
Intaglio printmaking*

Manufacturer: Trefeglwys Printmakers
Trefeglwys
Powys SY17 5ph

Information:
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2. Hazards Identification

Classification: *The Mixtures, as mentioned in Chapter 16 are not classified as dangerous according to Directive 67/548/EEC and 1999/45/EC and their amendments.*

Hazards to Human Health: Can cause skin and eye irritation.
Inhalation: -
Contact with Skin: Prolonged contact may cause irritation.
Contact with Eyes: Direct contact can cause irritation.
Swallowing: -

Hazards to the Environment: Not likely when professionally used. Do not allow material to enter drains or water courses.

3. Composition/Information on Ingredients

Chemical Description: Mixture of Organic and/or Anorganic Pigments and Carbon Black; (Synthetic) Resins; Vegetable - and/or Mineral Oils and additives.

Dangerous Components: None.
Mineral Oils are not classified as dangerous according to Directive 67/548/EEC, Annex 1: note H,L or H,N

Additional Information: 1. Explanation of Note H,L and H,N: See chapter 16.

4. First-Aid Measures

General Directions: Remove all contaminated clothing.
In case of Inhalation: -
In case of contact with Skin: Wash with water and soap.
In case of contact with Eyes: Flush eye(s) with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
In case of Swallowing: Wash out mouth. Do not stimulate vomiting. Seek medical attention.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Dry and foam agents, Carbon dioxide (CO₂), water mist.
Non-Suitable Extinguishing Media: Water Jet.

Special exposure hazards: 1. Exposure to decomposition products can damage health.
2. Special breathing equipment is preferable.
3. May form heavy smoke when heated.
4. Cool containers exposed to flames with water until well after the fire is out.

Additional Information: Keep run-off water out of sewers and water sources.

6. Accidental Release Measures

Personal precautions: Ventilate the area when using the product. Wear adequate handgloves.

Environmental precautions: Run off or release to sewer, waterway or ground is forbidden.

Methods for cleaning up: 1. Sweep or scrape up and collect the material into appropriate, labelled containers.
2. Do not use solvents to clean up.
3. Always use biodegradable cleaning agents, if necessary.

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7. Handling and storage

Handling:

1. Wear protective clothing and equipment when handling the ink.
2. Avoid possible inhalation of vapours and/or ink mist when using on press.
3. Be sure of an adequate ventilation.
4. Do not smoke or eat, when using the product
5. Separate from possible sources of ignition.
6. Always keep used cleaning cloths with ink in a closed container. Selfignition by oxidation in certain circumstances could occur although the chance is very small.

Storage: Store fire safe the product in a cool, dry place. Keep the product in it's original packaging and tightly closed.

8. Exposure controls/personal protection

Exposure limit values: DNEL: ND
PNEC: ND

Measurements to control exposure

Additional Information:

1. Maintain general body hygiene. Take care of adequate (natural) ventilation.
2. Use appropriate equipment to handle the ink (e.g. pump, spatula)

Occupational exposure controls

Respiratory protection: No special attention, when adequate (natural) ventilation.
Hand protection: 1. Synthetic Handgloves.

2. Do not use non-fitting handgloves or latex handgloves.

3. **Nitrilite® 93-401** made by **Ansell Occupational Healthcare** is tested acc. method EN374:3-2003 on use with Kerosene and Diesel fuel. These products can act as guidance.

Kerosene: Protection Index: 3

Diesel fuel: Protection Index: 6

See table in chapter 16.

Eyes Protection: Use of splash proof goggles is preferable.

Body Protection: Wear protective clothing

Environment exposure controls: See data provided in chapter 2, 3, 5, 7

9. Physical and chemical properties

				<u>Method</u>
		pH-Value (20 °C)	neutral	
		Viscosity (20 °C)	200 - 1000 DPa.s	
Appearance:	Paste	Boiling Point/Range (°C)	> 250	
Colour:	Red or Black	Melting Point/Range (°C)	ND	
Odour:	Mild	Flash Point (°C)	> 125	Closed Cup
		Autoignition Temperature (°C)	ND	
		Explosion Limits in Air	Lower ND Vol.%, Upper ND Vol.%	
		Vapour Pressure (20 °C)	< 0.001 mbar	
		Density (20 °C)	900 - 1100 kg/m ³	
		Solubility in Water (20 °C)	not g/l	

10. Stability and Reactivity

Circumstances to avoid: Do not smoke or eat, when using the product. Separate from possible sources of ignition.

Materials to avoid: None known.

Dangerous Reactions: None known.

