

36 KINGSTHORPE ROAD
HOVE
BN3 5HR
Tel 01273 260 260
Fax 01273 260 270
E-mail artbox@lawrence.co.uk

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Baldwins Ink Grounds

(TNL 17271—17291)

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Baldwins Ink Ground

APPLICATION OF SUBSTANCE: To be used as an etching ground for Intaglio printmaking.

MANUFACTURED BY: Trefeglwys Printmakers
Trefeglwys
Powys, SY17 5 PH

CONTACT INFORMATION:

CONTACT: Andrew Baldwin

TELEPHONE NUMBER: +44 1686 430623

EMAIL: atb@aber.ac.uk

SECTION 2. HAZARDS IDENTIFICATION

The Mixtures, as mentioned in Section 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.

CONTACT WITH SKIN: Prolonged contact may cause irritation.

CONTACT WITH EYES: Direct contact can cause irritation.

INHALATION: -

SWALLOWING: -

HAZARDS TO THE ENVIRONMENT: Not likely when professionally used.

Do not allow material to enter drains or waterways.

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION: Mixture of Organic and/or Anorganic Pigments and Carbon Black; (Synthetic) Resins; Vegetables—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: Explanation of Note H, L and H, N: see Section 16.

SECTION 4. FIRST-AID MEASURES

GENERAL DIRECTIONS: Remove all contaminated clothing.

CONTACT WITH SKIN: Wash with water and soap.

CONTACT WITH EYES: Flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

SWALLOWING: Wash out mouth. Do not stimulate vomiting. Seek medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Dry and foam agents, Carbon dioxide (CO ₂), water mist.
NON-SUITABLE EXTINGUISHING MEDIA:	Water Jet.
SPECIAL EXPOSURE HAZARDS:	Exposure to decomposition products can damage health. Special breathing equipment is preferable. May form heavy smoke when heated. 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.

SECTION 6. ACCIDENTAL RELEASE MEASURE

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

SECTION 7. HANDLING AND STORAGE

HANDLING:	Wear protective clothing and equipment when handling the ink. Avoid possible inhalation of vapours and/or ink mist when using on press. Be sure of adequate ventilation. Do not smoke or eat, when using the product. Separate from possible sources of ignition. 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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES :	DNEL: ND PNEC: ND
MEASURES TO CONTROL EXPOSURE:	
ADDITIONAL INFORMATION:	Maintain general body hygiene. Take care of adequate (natural) ventilation. Use appropriate equipment to handle the ink (e.g. pump, spatula)
OCCUPATIONAL EXPOSURE CONTROL:	
RESPIRATORY PROTECTION:	No special attention, when adequate (natural) ventilation.
HAND PROTECTION:	Synthetic handgloves. Do not use non-fitting handgloves or latex handgloves.
EYE PROTECTION:	Use of splash proof goggles is preferable.
BODY PROTECTION:	Wear protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste.
COLOUR:	Red or Black.
ODOUR:	Mild.

pH-VALUE:	(20°C)	neutral	
VISCOSITY:	(20°C)	200-1000 DPa.s	
BOILING POINT:	(°C)	> 250	
MELTING POINT:	(°C)	ND	
FLASH POINT:	(°C)	> 125	
AUTOIGNITION TEMP.:	(°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

SECTION 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.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon oxides, metal and halogen components may be released on thermal decomposition.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	
Oral LD ₅₀ - Value:	ND mg/kg _(rat)
OTHER DIRECTIONS:	
CARCINOGENICITY:	- 67/548/EEG and 1999/45EC: No
MUTAGENICITY:	- 67/548/EEG and 1999/45EC: No
TERATOGENICITY:	- 67/548/EEG and 1999/45EC: No
REPRODUCTIVE TOXICITY:	- 67/548/EEG and 1999/45EC: No
GENERAL INFORMATION:	Can cause skin and eye irritation Prolonged contact may cause eczema.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:	
FISH TOXICITY (LC ₅₀):	ND mg/l
BACTERIA TOXICITY(EC ₅₀):	ND mg/l
ADDITIONAL ECOLOGICAL DIRECTIONS:	
MOBILITY:	BCF: ND
	Log P _{ow} : ND
GENERAL INFORMATION:	See Section 9 for other properties.

SECTION 13. DISPOSAL CONSIDERATIONS

MATERIAL DISPOSAL: Only if necessary. Disposal of material to be carried out in accordance with local laws and regulations.

EURAL: 08 03 13: waste ink other than those mentioned I n08 03 12*

THREAT TO SURFACE WATER: Germany (WGK): 1 (self rating)

SECTION 14. TRANSPORT INFORMATION

	<u>ROAD ADR/RID</u>	<u>SEA IMO/IMDG</u>	<u>AIR ICAO/IATA</u>
UN-NUMBER:			
CLASS:			
CLASSIFICATION CODE:			
PACKING GROUP:			
MARINE POLLUTANT:			
PROPER SHIPPING NAME:			
REMARK	Not classified	Not classified	Not classified

SECTION 15. REGULATORY INFORMATION

Classification according to Directive 67/548/EEG and 1999/45EC:

R-PHRASE(S): -
S-PHRASE(S): -
LABELLING: -

SECTION 16. OTHER INFORMATION

ARTICLE: B.I.G. RED B.I.G. BLACK

EXPLANATION:

- NOTE H: The classification and label shown for this substance applies to the dangerous property(ies) indicated by the risk phrase(s) in combination with the category(ies) of danger shown.
This note applies to certain coal—and oil-derived substances and to certain entries for groups of substances.
- NOTE L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346. determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions—Dimethyl sulphoxide extraction refractive index method, Institute of Petroleum, London.
This note applies only to certain complex oil-derived substances.
- NOTE N: The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.
This note applies only to certain complex oil-derived substances.

ABBREVIATIONS:

- DNEL: Derived No-Effect Level
- PNEC: Predicted No-Effect Concentration
- HMIS-RATING: (USA) Hazardous Materials Identification System
- EURAL: European Waste List
08: Wastes from the manufacture, formation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels,) adhesives, sealants and printing inks.
08 03 13: waste ink other than those mentioned in 08 03 12*
- ND: Not Determined
- NA: Not Applicable
- NC: Not Classified

BCF: BioConcentrationFactor

Log P_{ow}: Ten base LOGarithm of Octanol-Water Partition coefficient (Log P_{ow} > 3: Bioaccumulating)

WGK: (Duisland) - Wasser Gefährdungsklasse
nwg = nichtwassergefährdend = Not Surface Water threat
1 = Slightly hazardous to surface water
2 = Hazardous to surface water
3 = Extremely hazardous to surface water

R-Phrase: Risk warnings

S-Phrase: Safety warnings

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.