

SAFETY DATA SHEET

GLO-BRITE FLUORESCENT INKS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	GLO-BRITE FLUORESCENT INKS
PRODUCT NO.	Various
APPLICATION	PRINTING INK
SUPPLIER	STEHLIN HOSTAG INK UK LTD UNIT D4 LINKMEL CLOSE QUEENS DRIVE INDUSTRIAL ESTATE NOTTINGHAM NG2 1NA Tel : 0115 9860477 Fax : 0115 9862681

2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS

A dyed / pigmented Melamine, Sulphonamide, Formaldehyde CoPolymer Flushed as a sub micron dispersion into a high quality Printing Ink Varnish.

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

Not a hazardous substance or preparation according to EC Directives 67/548/EEC or 1999/45/EC. and 2001/58/EC

HUMAN HEALTH

Formaldehyde can be released upon heating

4 FIRST-AID MEASURES

GENERAL INFORMATION

In cases of doubt and/or in severe cases seek medical attention.

INHALATION

Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Place unconscious person on the side in the recovery position and ensure breathing. Give nothing by mouth. Get medical attention.

INGESTION

Rinse mouth thoroughly. Do not induce vomiting. If symptoms persist, seek medical advice.

SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical advice.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Water spray. Carbon dioxide (CO2).

SPECIAL FIRE FIGHTING PROCEDURES

Do not allow run-off from fire fighting to enter drains or watercourses.

SPECIFIC HAZARDS

Exposure to decomposition products may cause a health hazard. See section 10

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PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus may be required.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8. Avoid contact with skin and eyes. Do not breathe vapour.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the National Rivers Authority or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Contain and collect spillages with non-combustible absorbent material (e.g.sand, diatomaceous earth, vermiculite) and place in container for disposal according to local regulations. Clean with a detergent, preferably. Avoid the use of solvents.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid eating, drinking and smoking when using the product. Avoid contact with skin and eyes. Static electricity and formation of sparks must be prevented. Provide good ventilation.

USAGE DESCRIPTION

Formaldehyde will be released when the product is used at an elevated temperature, assure proper ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Containers which are open must be carefully resealed and kept upright to prevent leakage. Keep away from sources of heat and direct sunlight. Keep away from oxidising agents, strongly alkaline and strongly acid materials.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

Exposure Limit = 100 ppm (High Boiling Point Petroleum Distillate)

ENGINEERING MEASURES

Provide local exhaust ventilation if required. See exposure limits.

RESPIRATORY EQUIPMENT

In cases of warming up of the product, use a gas and vapour mask (EN140, EN 136) with active carbon filter (EN141)

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SKIN PROTECTION

Protective clothing should be worn.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous		
ODOUR	Slight formaldehyde / Petroleum.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	260	RELATIVE DENSITY	1.10 - 1.15 @20c
DECOMPOSITION TEMPERATURE (°C)	>190	FLASH POINT (°C)	>110

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use. If exposed to elevated temperatures formaldehyde gas can be liberated - in these cases suitable control procedures should be implemented

HAZARDOUS POLYMERISATION

Not relevant.

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MATERIALS TO AVOID

Strong oxidising substances. Strong alkalies. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Fumes may contain oxides of sulphur, carbon and nitrogen and other toxic fumes

11 TOXICOLOGICAL INFORMATION

EYE CONTACT

Mildly irritating

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product. Do not allow to enter drains or water courses. Product does not contain heavy metals.

MOBILITY

Low mobility. Not soluble in water

BIOACCUMULATION

The product is not bioaccumulating.

DEGRADABILITY

The product is not readily biodegradable.

WATER HAZARD CLASSIFICATION

WGK 1

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as special waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

Do not allow into drains or watercourses.

14 TRANSPORT INFORMATION

GENERAL Considered as non-hazardous under Transport Regulations.

MARINE POLLUTANT No.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations. 1994

ENVIRONMENTAL LISTING

Non hazardous substance or preparation according to EC directives 67/548/EEC or 88/379/EEC

EU DIRECTIVES

EEC Directive 91/155 Directive 1999/45/EC 2001/58/EC

16 OTHER INFORMATION

REVISION COMMENTS

Re-issued due to changes in most sections

ISSUED BY

Paul R Hayden

REVISION DATE 25/03/05

SDS NO. 3/005

REVISION DATE: 25/03/05

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SAFETY DATA SHEET STATUS
Approved.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.