

SAFETY DATA SHEET

Page 1(4)

Reinking ink black

Date: 1999-12-03

1. Identification of the substance and of the company / undertaking

Product name: Reinking ink black

Supplier: Unigraphics AB
Box 1709
SE-501 17 BORÅS
SWEDEN
Telephone: +46-33-15 11 00
Telefax: +46-33-15 88 50

2. Composition / information on ingredients

<u>Hazardous components</u>	<u>CAS-No</u>	<u>Conc. %</u>	<u>Symbol</u>	<u>Risk phrases</u>
2-(2-Butoxyethoxy)ethanol	112-34-5	25-50	Xi	R36
Flexo black X 11	-	2,5-10	Xn	R40
			Xi	R41

Risk phrases, explanations:

R36 = Irritating to eyes, R40 = Possible risks of irreversible effects, R41 = Risk of serious damage to eyes.

3. Hazards identification

HEALTH: Irritating to eyes. Harmful if swallowed – may cause nausea and vomiting. Possible risk of irreversible effects.

ENVIRONMENT: None of the substances in this product are classified as Dangerous to the environment.

FIRE: The product is not classified as flammable.

4. First aid measures

General advice: In case of doubt or with persisting symptoms obtain medical attention. Never pass anything through the mouth of an unconscious person. Keep the victim calm and warm.

Inhalation: Fresh air.

Skin contact: Remove contaminated clothing, and then wash the affected area with water.

Eye contact: Rinse with water with the eyelids held wide open (remove contact lenses). Get medical attention if irritation persists.

SAFETY DATA SHEET

Page 2(4)

Reinking ink black

Date: 1999-12-03

Ingestion: Give a couple of glasses of milk to drink if the casualty is conscious. If more than a negligible amount has been swallowed seek medical advice.

Medical advice: Risk of metabolic acidosis – contact a Poison Information Center for additional treatment information.

5. Fire fighting measures

Extinguishing media: The product is not flammable. In case of fire in the surrounding area use carbon dioxide or powder. Remove containers from fire or cool them with water.

Specific hazards: When heated emits flammable vapours that may form explosive mixtures with air.

Protective equipment for fire fighters: Self-contained breathing apparatus and safety goggles.

6. Accidental release measures

Personal precautions: Ensure good ventilation. Use safety goggles.

Environmental precautions: Do not allow material to enter drains or water courses. In the event of larger spills contact the emergency services.

Method for cleaning up: Absorb onto inert material, like earth or sand, and place in suitable container for disposal. Dispose of according to Special Waste Regulations.

7. Handling and storage

Handling: Ensure good ventilation. Arrange for eye wash possibility.

Storage: Keep container tightly closed in a dry place at ambient temperature. Keep away from sources of ignition and heat.

8. Exposure controls / personal protection

Engineering measures: Ensure good ventilation.

Personal protective

SAFETY DATA SHEET

Page 3(4)

Reinking ink black

Date: 1999-12-03

equipment: Where contact may occur, wear chemical resistant gloves and safety goggles. Wear approved mask/respirator if necessary.

9. Physical and chemical properties

Appearance: Liquid
Colour: Black
Flash point (°C) > 100
Autoignition temperature (°C) 225
Explosive limits (vol%) 0,9-5,9
Vapour pressure (hPa, 20°C) ~ 0,08
Solubility in water Completely miscible

10. Stability and reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Avoid sources of ignition.

11. Toxicological information

Inhalation: When heated the product emits vapours that may cause irritation to the respiratory system when inhaled at high concentrations. Prolonged exposure may involve risk of kidney injury.

Skin contact: Excessive and repeated contact may cause the same symptoms as exposure by ingestion.

Eye contact: Splashes may cause severe pain.

Ingestion: Ingestion may cause nausea, vomiting, abdominal discomfort and headache. Possible risk of kidney injury.

12. Ecological information

Available data indicates that none of the substances in this product are classified as Dangerous to the environment.

No ecological problems are to be expected if the product is handled and used with due care and attention.

13. Disposal considerations

Product and

Reinking ink black

SAFETY DATA SHEET

Page 4(4)

Reinking ink black

Date: 1999-12-03

contaminated packaging: Disposal must be in accordance with current national and local regulations. Chemical residues generally count as special waste.

14. Transport information

ADR/RID: Not classified under this legislation.

IMDG-code: Not classified under this legislation.

DGR: Not classified under this legislation.

15. Regulatory information

Classification and labelling

Danger symbol: Xn (Harmful)

Danger label: St Andrew's Cross

Risk phrases: Possible risk of irreversible effects (R40)
Irritating to eyes (R36)

Safety phrases: Avoid contact with eyes (S25)
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
Wear suitable protective clothing and suitable gloves (S36/37)
Use only in well-ventilated areas (S51)

16. Other information

Designed by

Jenny Holmqvist
Farligt Gods Center i Gbg AB