



Meteors Chemicals Co. Ltd.

Abdullah II Bin Al-Hussein Industrial Estate P.O.Box 157 Sahab -11512, Amman, Jordan

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Safety Data Sheet

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

1.1 Identification of the substance or preparation:

Product Name: "Flexographic varnish for High speed"

Synonyms: Water based varnish.

1.2 Use of the substance/preparation:

water based Opaque varnish to letdown inks for printing on paper sacks and card board.

1.3 Company/ undertaking identification:

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2. Hazards identification

Not classified as hazardous preparation under Directive 67/548/EEC and/or Directive 1999/45/EC.

Label elements: The product does not require a hazard warning.

3. Composition/information on ingredients:

"ASTRAINKS - Flexographic varnish for High speed".

Cas No.	Components	%
7732-18-5	Water	40-60
40-88-5	acrylic copolymer - ethyl acrylate	10-30
2682-20-4	2-Methyl-4-Isothiazolin-3-one	
2634-33-5	1,2-benzisothiazol-3(2H)-one	
	Calcium carbonate	15-40
	Defoamer- blend of foam-destroying polymers, emulsifiers and silicone	0.01-0.1
	Mono ethanol amine	0.5-1.5

4. First-aid measures

- After inhalation: Remove person to ventilated fresh air. With respiratory problems consult a doctor/medical service.
- After skin contact: Rinse with water. Consult a physician if irritation occurs.
- After eye contact: Immediately flush with room temperature, low pressure and clean water for at least 15 minutes. Seek medical attention if eye irritation occurs.
- After ingestion: Rinse mouth with water. Never induce vomiting. Seek medical attention if you feel unwell.

5. Fire-fighting measures

No specific firefighting instructions required. Protective equipment such as self-contained breathing apparatus.

6. Accidental release measures

Ventilate sufficiently during clean-up in case it happens inside a house. Wear protective clothing, gloves and safety goggles. Wash thoroughly with soap and water after clean-up. Do not dispose of waste to sewer.

7. Handling and storage

Handling: Use proper ventilation and avoid fire in work place. Put protection wear that has electrical conductivity in case of work. Keep out of reach of children. Do not drink ink. Do not dismantle cartridge. Keep cartridge closed Keep cartridge out of direct sunlight. Do not store cartridges with oxidizing agents or explosives.

- Storage temperature: 10-45°C
- Storage life: 730 days

8. Exposure controls/personal protection

No occupational exposure limits known.

9. Physical and chemical properties

General Information:

- Appearance (at 20°C): Liquid.
- Odor: amine-like.
- Color: White in Color.
- Viscosity: 50 - 300 mPa.s
- PH value at 20°C: 8.0 – 10.5
- Boiling point / range: no data available.
- Flash point: Not detected until 95°C/203°F
- Explosive and Oxidizing properties: None.
- Vapour pressure (at 20-50°C): no data available.

10. Stability and reactivity

- Conditions to avoid: high and freezing temperature.
- Materials to avoid: oxidizes and explosives.
- 10.4 Stability: stable under normal temperature.

11. Toxicological information

Carcinogenicity: IARC, the International Agency for Research on Cancer, has found printing inks to be not classifiable as human carcinogens as group 3. This product Contains no substances listed in IARC Monographs (1,2A and 2B).

1. Routes of exposure: Eye, skin, inhalation, and ingestion.
2. Acute effects:
 - Overexposure of eye surface may be mildly irritating.
 - Intentional or accidental oral ingestion may cause an upset stomach.
 - Aspiration Hazard: No aspiration hazard expected.

12. Ecological information

The polymer component of the product is poorly biodegradable. No negative ecological effects are expected.

13. Disposal considerations

Disposal should be in accordance with federal, state and local requirements. Must not be disposed together with household garbage. Do not allow product to reach sewage system.

14. Transport information

Not restricted for any mode of international transport.

15. Regulatory information

EU legislation: Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC.

Attention: This “Material Safety Data Sheet” contains health, safety, and environmental information. The information contained herein is believed to be accurate at the time of preparation, but should only be used as a guide. It is subject to revision from time to time. Most of the information is extracted from the manufacturers of raw materials. ASTRINKS company does not warrant the completeness or accuracy of the information contained herein.