

SAFETY DATA SHEET

Farbatone®

PRODUCT NAME: 8700
PRINT DATE: 30-05-22
VERSION:1.0

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY/UNDERTAKING

Product Name	Mirror silver screen printing ink
Product code	8700
Company Name	Spinks India
Company Address	Plot No. 135,Pace city-1, sec-37 Gurgaon-122001, Haryana, India
Departmenta responsible Contact email id/ Telephone	Product safety psm@spinksworld.com 91-124-4770500

SECTION 2: HAZARD IDENTIFICATION

Category	3.3 High Flashing Point & Easily Ignite Liquid
Invasion Method	Through Breath, Food or skin
Influence for Health	Makes the eyes skin and mucous membrane to be uncomfortable, skin to be arid,nerve to be narcosis,even makes people lethargic or dizzy.
Influence for Environment	Pollute water and be dangerous to environment
Physical & Chemical harm	When the temperature is on or above the flashing pointm it is easy to make the leaked gas and liquid to be dangerous mixture which is easily cause the burning or exploding danger.

SECTION 3: COMPOSITION / INGREDIENT INFORMATION

Mixture
Chemical character- Mirror silver

Chemical Component	Concentration (% by weight)	CAS No.
1-Methoxy-2-Propanol	60%	108-65-6
1-Methoxy-2-propyl Acetate	12%	107-98-2
3-Methoxy-3-Methyl-1-Butanol	10%	56539-66-3
Aluminium	15%	7429-90-5

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SECTION 4: FIRST AID MEASURES

Skin Contact:-

Remove contaminated clothing and shoes

Immediately wash skin with plenty of water and soap for at least 15 minutes and get medical attention

Eye Contact:-

Immediately and thoroughly flush the eye with large amounts of water at least 15 minutes and get medical attention.

If not removed promptly, this material may cause serious eye damage.

Part eyelids with fingers to assure complete flushing.

Check for and remove contact lenses if easily possible.

Ingestion: -

Do not induce vomiting. Get medical attention immediately.

Rinse mouth with water if possible.

Never give anything by mouth to an unconscious person.

Inhalation: -

Remove to fresh air. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen.

Keep the affected person warm and at rest. Get Medical attention immediately.

SECTION 5: FIRE – FIGHTING MEASURES

Extinguishing Media	Water fog, foam, dry chemicals, CO2, dry sand
Extinguishing Media which must not be used	Water Jet
Fire Fighting Instructiona	Keep unnecessary and unprotected personnel away Shut off supply if possible. Remove containers to safe place if possible. Keep containers and surroundings cool by spraying with water. Fight fire from an upwind position
General Hazard	Flammable liquid and vapour. Vapours may form and explosive mixture with air. The vapour is heavier than air and can accumulate near the ground

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precaution	Keep unnecessary and unprotected personnel away. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 9. Keep upwind, evacuate people downwind.
Environmental Protections	Do not let this chemical enter the environment
Clean-up Methods	Use non-sparking tools and equipment Absorb or cover with dry earth, sand or other non-combustible material and transfer to sealable containers. Large spills: Dike far ahead of liquid spill for later disposal.

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SECTION 7: HANDLING AND STORAGE

Technical Measures	Use only with adequate ventilation. Keep away from heat, spark and flame. Use explosion-proof electrical equipment. Take precautions against build-up of electrostatic charges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Avoid contact with eyes, skin and clothing. Provide hand and eyes wash station near work area. Wash thoroughly after handling
Precautions	Use only under local exhaust or general ventilation.
Storage Conditions	Protect from direct sunlight Keep away from heat, flame, and all sources of ignition. Store in well-ventilated area. Keep container tightly closed. Store in a segregated and approved area

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters TWA/ATEL/CEILING Biotic index:	
Engineering Controls	The use of closed system or local exhaust ventilation is recommended. Provide general ventilation Provide safety shower and eye wash station near work area.
Personal Protective equipment	Respiratory protection: Wear appropriate respirator when ventilation is inadequate. Hand Protection: Protective gloves. Eye protection: Safely glasses, goggles. Protective clothing: Safety helmet, protective clothing, safety boots, apron.

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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Thick liquid
Color	Silver
Odor	Fragrant
Ph value	NA
Solid/Melting point	NA
Boiling	155.6 °C
Flash Point	44 °C
Spontaneous Temperature	420 °C
Exposure Limit	1.1%-8.1%
Vapor Pressure	3.95mmHg (20 °C)
Vapor Density	1.20
Density	0.94785
Solubility	15%

Safety and reactiveness

Safety	Steady under normal conditions
Special condition of hazardous reactions	none
Avoiding contact	Flame and heating object
Avoiding object	Strongly oxidizing agent
Hazardous decomposition products	

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable at normal temperatures and storage conditions.
Incompatible materials and conditions to avoid	Avoid contact with oxidizing materials such as peroxides, Chlorates, permanganates.
Hazardous Decomposition products	Thermal decomposition may produce various hydrocarbons and irritating, acid vapours.
Hazardous Polymerization	NO _x , CO, Low molecular weight monomer etc.

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SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation	Vapour concentrations may be irritating to the eye and respiratory tract, and may cause headaches and dizziness
Skin Contact	Low order of toxicity, Frequent or prolonged contact may defat the dry skin leading to discomfort and dermatitis
Eye Contact	Will cause eye discomfort, may injure the eye tissue if do not remove immediately
Ingestion	Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema. Minimum toxicity.

SECTION 12: ECOLOGICAL INFORMATION

Environmental	This substance is highly volatile and will rapidly evaporate to the air mobility if released into the environment
Environmental Degradation	This substance does not biodegradable rapidly due to its low water solubility.
Precaution	When leaking and abandoning it, handling is noted because it might influence the environment. Deal so that neither the product nor the rinse water may flow to ground, the river and the drain ditch

SECTION 13: DISPOSAL CONSIDERATION

Waste from Residues	This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. Whatever cannot be saved for recovery may be burned in an approved incinerator or disposed in approved waste facility. Ensure compliance with local, state, federal and national regulation.
Contaminated Packaging	Empty the container completely before disposal

SECTION 14: TRANSPORT INFORMATION

UN Number	1210: Printing ink
UN Classification	3: Flammable Liquid
Packing Group	III
ADR / RID Classification	3: Flammable Liquid
IMO / IMDG Classification	3: Flammable Liquid
ICAO / IATA Classification	3: Flammable Liquid

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SECTION 15: REGULATORY INFORMATION

Application Regulation: Security Rules of Dangerous Chemical Goods 2002.3.15

SECTION 16: OTHER INFORMATION

This information relates only to the material mentioned above. This information is believed to be accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.