

MATERIAL SAFETY DATA SHEET

of

Beijing Weichen Excellent Technology Co. LTD**Band: hideaway****Product Name: Inkjet printer ink****Model: M112****1. Supplier Information**

Supplier: Beijing Weichen Excellent Technology Co. LTD	Tel: 010-6882 8188
Address: Room 707, Longguan Building, Huilongguan Community, Changping District, Beijing City	Fax and E-mail: 010-6882 8188 5130561@qq.com


2. Composition/composition information

Chemical composition.	Weight(%)	CAS NO.	EINECS:
Butanone	80	78-93-3	201-159-0
Resin	12	/	/
High performance black dye 8	8	12225-26-2	/

3. Hazards Identification

HazardClass 3
GHS Label Elements Symbol(s) GHS02

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Signal Word Danger
Hazard Statement(s) Flammable vapour
Precautionary Statement(s) Keep away from heat/sparks/open flames/hot surfaces. — No smoking. IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower Remove contact lenses, if present and easy to do. Continue rinsing

4. First aid measures

Inhalation:	Leave the site immediately to a well ventilated place Remove from exposure. Get medical attention, if needed.
Skin:	If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.
Eyes:	Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15 20 minutes). Get medical attention, if needed
Ingestion:	I Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious or convulsive person. Do NOT induce vomiting. Immediately call a POISON ONTROL CENTER or doctor/physician.
Most Important Symptoms/Effects	Acute No information on significant adverse effects.
	Delayed No information on significant adverse effects.
	Indication of any immediate medical attention and special treatment needed Treat symptomatic and supportively.

5. Fire-fighting Measures

Extinguisher Media	Carbon dioxide, regular dry chemical, regular foam, and sand.
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Unsuitable Extinguishing Media	None known.
Flash Point (Method):	N/A
Explosion Limits in Air (% by Volume):	Its liquid and steam are flammable, and its steam is heavier than air, which will produce backfire. Closed containers may explode when exposed to heat and open fire.
Auto Ignition Temperature:	N/A
Fire Fighting Procedures:	1. To protect the safe evacuation of personnel. 2. Use fire extinguisher to extinguish fire and remove unburned dangerous goods.
Unusual Fire & Explosion Hazards:	In case of open fire, high heat or contact with oxidant, there is a risk of combustion. Its vapor can diffuse to a considerable distance at a lower place, and it will ignite and burn back when meeting with fire source.

6. Accidental Release Measures

Small Spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill:	Build a dike or dig a pit for shelter. Cover with foam to reduce steam damage. Spray water cooling and steam dilution to protect field personnel. Transfer to tank car or special collector with explosion-proof pump, recycle or transport to waste treatment site for treatment.

7. Handling and Storage

Handling:	<ol style="list-style-type: none"> 1. Staff should be trained in safe use. 2. Install fire protection system and leakage emergency treatment facilities, keep away from fire, heat source and work site, and prohibit smoking. 3. There are dangerous and flammable signs. 4. There is grounding device. 5. Prevent steam from leaking into the air at the work site. 6. Avoid contact with oxidant. 7. Pay attention to the flow rate (< 5 m / s) when filling. 8. Handle with care. 9. The empty container may contain harmful substances.
Storage:	<ol style="list-style-type: none"> 1. Store in a cool, dry and well ventilated place, away from fire and heat source, and the temperature should not be too high. 2. The storage device shall be made of fireproof materials and the container shall be sealed.

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	<p>3. It is forbidden to use mechanical equipment and tools that are easy to produce sparks.</p> <p>4. The storage area should be equipped with emergency treatment facilities and receptacles.</p>
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Section 8- Exposure Controls/Personal Protection

Engineering Controls	Ventilation equipment with enough exhaust volume must be used to strengthen ventilation on site
Personal Protection:	<p>Respiratory protection: wear chemical mask in the place with poor ventilation;</p> <p>Hand protection: use PE or other chemical resistant gloves;</p> <p>Eye protection: wear chemical resistant safety glasses;</p> <p>Skin and body protection: use PE or other chemical resistant protective equipment or protective cream;</p>
Other	<p>Average allowable concentration of eight hour daily hourly volume: 25ppm</p> <p>Average allowable concentration in short time: 50ppm</p> <p>Maximum allowable concentration: 25ppm 50ppm 150ppm</p>

9. Physical and Chemical Properties

Appearance:	Black paste with fluidity
Odor:	Fresh salty nut aroma
Solubility:	Emulsified in water
Boiling point / boiling point range:	155.7°C
Flash point:	44°C
Spontaneous combustion temperature:	420°C
Explosion limit (in air) :	1.1%-8.1%
Vapor pressure:	3.95mmHg (20 OC)
Vapor density:	3.38
Density:	0.94785g
Water solubility:	10%

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10. Stability and Reactivity

Stability:	Stable under normal temperatures and pressures.
Conditions to avoid	Ignition sources, excess heat.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products:	Carbon monoxide, Carbon dioxide.
Hazardous polymerization:	Will not occur.

11. Toxicological information

Acute toxicity:	LD50: 3.46g/kg, low toxicity
Special effects:	please inquire for more informatio

12. Ecological information

Possible environmental impacts / environmental rivers:	Untreated waste will pollute the environment.
Biodegradability:	it is easy to be biodegradable, and it is defined as "easy" biodegradable substance according to OECD index.
Ecotoxicity and bioaccumulation:	Low acute toxicity to aquatic organisms is expected.

13. Disposal Considerations

Appropriate Method of Disposal of substance:	Hazardous waste, recycling or incineration under control. Empty drums should be recycled, recycled or discarded by a qualified or licensed organization. The product is not suitable for deep waste disposal, nor for discharge into public sewers, drainage systems, or natural rivers.
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14. Transport Information

Packing group:	II
Packing warning:	Flammable liquid
United Nations No.:	1210
HS Code	29141200
CNNO:	32073
Special transportation methods and precautions:	transport in the morning and evening in summer, prevent direct sunlight, transport according to the specified route.

15. Regulatory Information

REGULATION (EO No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL Of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction Of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) NO 793/93 and Commission Regulation (EC) NO 1488/94 as well as council Directive 76/769,EEC and commission Directives 91/155/EEC, 93/67/EEC, 93/105,EC and 2000/21/EC	1907/2006EC,
REGULATION (EC) No 1336/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 amending Regulation (EC) No 648/2004 in order to adapt it to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (Text with EEA relevance)	1272/2008/EC

16. Other information

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Reference:

J. A. Monick,Alcohols,p.119, Van Nostrand Reinhold,1968

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*******End*******