

SHENZHEN MEILIHUA TECHNOLOGY CO., LTD

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Product Information: ABS

Document No.: MSDS -1011-a

1. Identification of the substance/preparation and company:

Product Information:	ABS	ABS screen printing ink
Addresses - #243, FENGTANG ROAD, FUYONG, BAOAN DISTRICT, SHENZHEN, 518103	Postal code: 518103	
TEL: + 86-755-3385 7420, FAX: + 86-755-3385 6933		

2. Composition/Information on Ingredients

Single Mixing

Chemical Character:

Hazardous Components Name	Concentration/Percentage	CAS NO.
Anone	14-18%	108-94-1
Mesitylene	10-15%	108-67-8
Isophorone	8-15%	78-59-1

3. Hazard Identification:

Hazard Category	3rd type Flammable.
Invasion method :	Breathe in Food is enter Suck up after the hide
* Hazard Warnings for Health:	The aperture be able to be created 、Skin 、Stick the membrane irritate ,Skin is arid ;Narcosis of nerve center, Man's lethargic sleep and dizziness are cause.
* Hazard Warnings for Environment:	There is the pollution to the water, There is danger to the environment.
* Physical and Chemical Dangerous:	When being living over flashing point either the flashing point temperature, Gas of divulgence either liquid easily formation flammability mixture, There is inflammation detonation peril .

4. Emergency treatment step

●Inhalation:	Remove concerned person out of danger area. Take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration.
●Skin contact :	Rinsing queen in the way of the soapsuds at once thoroughly rinses in the way of the

	clear water;
●Eyes contacts :	In the way of clear water either normal saline rinsing at once send the hospital in 20 minutes to treat;
●Ingestion:	Do not induce vomiting-call a physician. Keep at rest. Grown-up devours over the 30ml to send at once that the hospital treats .

5. Fire-Fighting Measures

Suitable Extinguishing Media:	Alcohol resistant foam, CO ₂ , powers, water spray.
Special Exposure Hazards:	Such liquid and steam Easily ignite, Such steam more severely than the air, The tempering be able to be come into being in the inflammation. That the temperature meets the flame is meet by the hermetic container. Probably be able to coming into blows up.
Special Extinguishing Procedure:	1.Safeguard personnel staff's security to evacuate .2.Employ the fire extinguisher to distinguish a fire and takes away the dangerous goods that do not ignite.
Special Protective Equipment:	Matching somebody with somebody wears the air breathing shelter to overspread 、Gloves 、 Fire fighting clothes .
Additional information	Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

6. Accidental Release Measures

Meet an urgent need handle :Cut off fire brand .Swift evacuating lets out divulge personnel staff in pollution district till the security region ,The advance side by side row are isolate , Rigorouslyly enforce , the limit is come in and go out .The proposal is meet an urgent need to handle , and personnel staff match somebody with somebody wearing the air breathing shelter to overspread .Cut off as far as possible in the divulgence source .Guarding against go into the sewer 、Drains off floodwaters and so on restrictive room .
Small amount divulgence :Shall spill leaks fluid as far as possible gathers being living inner place the hermetic container ,Employ sandy soil 、 Activated carbon 、 Deficient fluid of fragmentary cotton either elses' inertia material absorption .
A great quantity of divulgences : Putting up to surround the embankment either excavates the pit houses .Cover in the way of the froth , Degradation steam calamity .Spray shape water-cooling yet and desaturation steam 、Safeguard personnel staff at field .In the way of the explosion proof pump inner place transfer till the tank wagon either the special trap, Recovery either luck are handle arena handling till the trash.

7. Handling and Storage

Information for safe handling: Prevent the creation of inflammable or explosive concentrations of vapor in air and avoid vapor concentrations higher than the OEL (=occupational exposure limit). Additionally, the product should only be used in areas from which the naked light and other sources of ignition have been excluded. Comply with the health and safety at work laws.
Information about protection against explosions and fires:

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air.
Requirements to be met by storerooms and containers: Container which be opened must be carefully resealed and kept upright to prevent leakage.
Information about separation of incompatible products: Keep away from oxidizing agents, form strongly alkaline and strongly acid materials.
Further information about storage condition: Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight.

8. Exposure Control/Personal Protection

Components with critical values that require monitoring at the workplace (exposure limit)	200PPM
Respiratory Protection:	If workplace limits are exceeded, a gas mask approved for this purpose must be worn.
Hand Protection:	Solvent-resistance protective gloves must be worn. After washing hands replace lost skin fat by fat-containing skin creams.
Eye Protection:	Use safety glass.
Skin & Body Protection:	Personal should wear antistatic cloths made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact. Use appropriate skin protection cream before work.

9. Physical and Chemical Properties

Image	Form:	Pasty to liquid.
	Color:	Colored.
	Odor:	Like solvent
Boiling Point/Boiling Range:	164.71°C (760mmHg)	
Flash Point:	43°C	
Ignition temperature:	254-288 °C	
Explosion limit:	1.7%	
Vapor Pressure:	0.386mmHg /25 °C	
Density:	1.05-1.6g/cm ³	
Solubility in Water:	----	
PH value:	6-8	
Critical temperature:	----	

10、 Stability and Reactivity

Stability:	Steady below the homiothermy
Conditions to avoid:	Stable under recommended storage and handling condition (see section 7).
Materials to avoid:	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic.
Hazardous Decomposition Products:	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11、 Toxicological Information

Experience on practice:	This product is unlikely to harm health, given normal and proper handling and precautions. Prolonged inhalation of vapors in high concentrations may lead to headache, giddiness and nausea. In case of contact with the product: danger of respiration through the skin, irritation of skin/mucous membranes.
Additional toxicological information	The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General directive on Preparations (88/379/EEC)

12、 Ecological Information

Additional ecological information:	Do not empty into waters or drains. Toxic effect on fishes and micro- organism.
general ecological information:	

13、 Disposal Information

Product:	Do not empty into waters or drains. Can be taken to a suitable incineration center in observance of local regulations.
Disposal Information:	Perilous discarded object ,That the recovery utilizes either is living burns below the control mode .The hollow barrel ought to be through competent either the organization grasping the permit recovers ,Regeneration either abolishing handle .That produce is not fit for by means of covers up the discarded handle very ,Also not be fit for placing in proper order till the common sewer 、 Drainage system 、 Either in the natural river .

14、 Transport Information

International Transport Regulation:	IATA/ICAO classifys :3 (International shipping organization) .
The United Nations Number (Un-No)	1210
Internal Transport regulation:	JT 3130 The perilous commodity of motor vehicle carry the regulation
Packing sign:	3 Easily ignite
Special Transport Way and Note:	The summer season carries more sooner or later, Guard against sunbeam from straight shining upon, The transportation is according to the stipulation line.

15、Regulation Information

Apply Regulation:	《 Secure administration rules of perilous chemistry product 》 2002.3.15
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16、Other Information

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