

SHENZHEN MEILIHUA TECHNOLOGY CO., LTD


#243, FENGTANG ROAD, FUYONG, BAOAN DISTRICT, SHENZHEN, 518103

TEL: 86-755-3385 7420, FAX: 86-755-3385 6933

1、 Identification of the substance /preparation of the company /undertaking:

Product	EM/QEM	Enterprise name	Epoxy screen printing ink
Supplier	SHENZHEN MEILIHUA TECHNOLOGY CO., LTD		
Address	#243, FENGTANG ROAD, FUYONG, BAOAN DISTRICT, SHENZHEN, 518103		
National emergency telephone registration center	0532-83889090	Business phone	86-755-3385 7420
Email	szhuanglingfeng@163.com	FAX	86-755-3385 6933
Recommended USES	Industrial	Uses advised against	Direct contact with food
Tabulation Division	Security Department	lister	Huanglingfeng
Effective date	2017.1.4	Version	H
File Type	References	Postal code:	518103

2. Hazards Identification:

Hazards classification	Flammable liquids: 3rd type
Risk description	Combustible liquid and vapor
Signal words	Warning
Pictogram	
Preventive measures	<ol style="list-style-type: none"> 1. Stay away from fire, sparks, open flames, hot surfaces, use does not produce sparks tools work 2. Keep container closed 3. To take measures to prevent electrostatic, containers and receiving equipment grounding 4. Use explosion-proof electrical, ventilation, lighting and other equipment 5. Wear protective gloves, protective glasses, protective gas masks 6. Thoroughly clean the contact parts of the body after operation 7. Workplaces may not eat, drink, smoking 8. Ban into the environment.
Incident response	<ol style="list-style-type: none"> 1. Skin (or hair) contact: immediately take off all contaminated clothing and flush skin and shower 2. Eat: vomiting, seek medical advice immediately 3. Collect the leakage 4. Fire, use dry chemical, bubbles, carbon dioxide fire extinguishing

	1.
Safe storage	Stored in a cool, well ventilated place
Waste disposal	This product or its container by incinerating disposal
Invasive way	Inhaled, ingested, percutaneous absorption.
Health hazard effect	<p>1. Inhalation: can be absorbed quickly via the lungs. Can cause liver and kidney damage. Excessive inhalation can cause central nervous system depression, drowsiness, disturbance of consciousness. Cause arrhythmia</p> <p>2. Eat: for esophagus and digestive tract are irritating. Chronic effects: long-term or repeated contact with excessive, can cause damage to the liver and kidney</p> <p>3. Skin: long-term exposure can cause skin irritation. Once or contact for a long time did not see cause the skin absorption of harmful dose.</p> <p>4. The eyes: can cause mild stimulation.</p>
Environmental impact	Water pollution, hazardous to the environment.
Physical and chemical hazards	Above the flash point or flash point temperature, the leakage of gas or liquid is easy to form a combustible mixture, combustion explosion hazard.
Explosion danger	This product its vapors can form explosive mixtures with air, open flames, hot easy to burning explosion.

3. Components/composition information

Pure substance Mixture

Chemical name: Plastic Printing Ink Enterprise name: Screen Printing Ink (EM-5004S Glass lens cover bottom black)

Harmful chemicals	Concentration and the concentration range (component percentages)	CAS NO.
Epichlorohydrin copolymer	50%	25036-25-3
Pigments White	20%	13463-67-7
Pigments Black		1333-86-4
Pigments yellow		14059-33-7
Pigments yellow		77804-81-0
Pigments Red		16043-40-6
Pigments Red		2786-76-7
Red		88949-33-1

Pigments orange		84632-50-8
Pigments blue		147-14-8
Pigments purple		57971-98-9
EGBE	25%	111-76-2
Silicon ketone additives	5%	14808-60-7

4. First aid measures

Inhalation	Left the scene immediately to a well-ventilated place; If patients stop breathing, mouth-to-mouth resuscitation. Go to a doctor.
Skin contact	Wash immediately with soap and water, rinse thoroughly with water.
Eye contact:	Water or saline rinse immediately with water for 20 minutes and hospital treatment.
Ingestion	Adult eats more than 30 ml immediately to a hospital cure.

5. Fire protection :

Suitable extinguishing agent	Foam and powder fire extinguishing agent, our fleet fire extinguishing agent, the halon fire extinguisher, available for fire fire fighting foam. Ban on fire with water.
Hazardous characteristics	Its vapor and air can form explosive mixture, open flame, hot easy to burning explosion. Strong reaction can occur with antioxidants. Its vapor is heavier than air, can spread in the low to very far place, fire will fire back to combustion. If encounter high fever, container pressure increase, is in danger of cracking and explosion.
Harmful combustion	Carbon monoxide, carbon dioxide.
Fire extinguishing procedures:	<ol style="list-style-type: none"> 1. Protect the safety of personnel evacuation. 2. Use the fire extinguisher. 3. Remove the container from fire to open as much as possible. Water keep fire containers cooling, until the end of fire. If the container has been in a fire discoloration or generate sound from the safety relief devices, must evacuate immediately.
Special protective equipment for firefighters	Wear air breathing masks, gloves, uniforms.

6. Leak emergency treatment

Emergency treatment: cut off the fire. Leave quickly leak contaminated area personnel to safety, and isolation, restricted access. Recommended emergency personnel wearing air breathing protective cover. Cut off the leak source as possible. Prevent into the sewer, drain flooding restricted space.
A small leak: as far as possible will leak fluid collection in an airtight container, with sand, activated carbon, cotton cloth or other inert materials absorb the residual liquid.
A large number of leak: constructing dike to dig a hole or asylum. Use foam cover, reduce the steam disasters. Spray water cooling and diluting steam, protection field personnel. Use explosion-proof pump to tank lorry or dedicated collector, recycling or shipped to the waste disposal sites.

7. Operation treatment and storage

Disposal: 1. The staff should be used by the security training. 2. The installation of fire protection system and leakage emergency treatment facilities, away from fire, heat source, no smoking job site. 3. There are dangerous flammable logo. 4. A grounding device. 5. To prevent the steam leakage in the air to the job site. 6. Avoid contact with the oxidant. 7. Should be paid attention to when filling velocity (< 5 m/s). 8. In the light with light. 9. Empty containers may remain inside.

Storage: 1. Store in a cool, dry, well ventilated place, away from fire and heat source, the warehouse temperature is unfavorable and exorbitant. 2. Storage device application of fireproof material, keep container seal. 3. It is prohibited to use easy to produce sparks of mechanical equipment and tools. 4. Storage areas shall be emergency treatment facilities and closed container.

8. Contact control/personal protection

Engineering control: The site must use enough exhaust air ventilation equipment to strengthen ventilated

Control parameters

Time Weighted Average allowable concentration PC-TWA	STEL PC-STEL	Maximum allowable concentration MAC
100ppm	200ppm	300ppm

Personal protective

Respiratory protection: in a poorly ventilated good place masks should be worn against the chemical;

Hand protection: use PE or other chemical resistant gloves;

Eye protection: wear resistant to chemicals used in the safety protective glasses;

Skin and body protection: use PE or other resistant to chemicals used in the appliance or use protection cream;

Hygiene measures: keep personal hygiene, frequent movement increase immune ability, prior to employment and regular physical examination.

9. Physical and chemical properties

Material:	Slurry material
Appearance/color:	All kinds of colors
Smell:	aromatic odor
PH:	---
Boiling point (ibp) :	215.2°C
Closed flash point:	61°C
Ignition point:	344°C
The explosion limit (air):	2.02%-7.9%
Vapor pressure:	0.852mmHg (20°C)
Vapor density:	-----
Relative density:	0.900-1.200g/cm ³
Solubility in water:	<10%
Main Use For:	Metal and glass

10. Stability and reactivity

Security	Room temperature stability
Possible hazards reaction	Can't happen.

The condition that should be avoided	Flame and the heating element.
Substance should be avoided	Avoid contact with strong oxidizing agents.
Harmful decomposition	CO ₂

11. Toxicology information

Urgent toxicity	LD ₅₀ , 2460mg/kg Low toxicity
Special effects	Please contact for more information


12. Ecological information

Possible environmental impact / Environmental flow	Optional waste will pollute the environment.
Biodegradation	No data.
Ecological toxicity and bioaccumulation	Is expected to have low acute toxicity on aquatic organisms.

13. Waste treatment:

Waste treatment methods: hazardous waste, recycling, or burning in the control condition. The bucket should be made by qualified or recovery of license, regeneration or scrap processing. The product is not suitable for through deep processing waste, also not suitable for discharge to the public sewers, drainage systems, or natural rivers.

14. Transportation information

Dangerous Goods Code	33647
The United Nations No.	1210
Domestic transport regulation:	Car dangerous goods code
Packaging categories:	III
Packing mark:	 <p>WARNING</p>
Special delivery method and the matters needing attention:	Transit should prevent insolate, rain, heat. Stopover should be far away from fire, heat source and high temperature. Shipping the goods vehicle exhaust pipe must be equipped with fire device, to ban the use of sparks easy generation mechanical handling equipment and tools. Highway transportation route as prescribed, do not stay in residential areas and densely populated area. Railway transportation should prohibit humping. It is strictly prohibited to use wooden boats, concrete boats bulk transport.

15. Regulatory information

	The production safety law of the People's Republic of China Hazardous chemical materials safety management regulations (state council order no.
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Applicable laws	<p>591)</p> <p>Dangerous chemicals directory</p> <p>Dangerous chemicals major hazards identification</p> <p>Safety production license</p> <p>Management measures of the hazardous chemicals registration administration makes no. 53)</p> <p>The occupational disease prevention law of the People's Republic of China</p> <p>The catalogs of occupational-disease-inductive factors</p> <p>Environmental protection law of the People's Republic of China</p> <p>Dangerous chemical environmental management measures</p> <p>The regulations of Labour protection in the workplaces where toxic substances are used</p> <p>New chemical materials environmental management approach:</p> <p>China's existing chemical list</p>
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16. Other Information

Revised on the basis of:

1. The hazardous chemical materials safety management regulations (state council order no. 591).
2. The general principles for the classification and hazard of chemicals (GB 13690-2009) the material is divided into: flammable liquid.
3. The chemical classification, warning label and warning that security code for flammable liquid GB20581-2006, the classification of dangerous class for class 3, dangerous for: flammable liquid and vapor, signal word is: the warning.
4. The content of the chemical safety technical specifications and project order GB/T16483-2008 standard

Filling department	Security Department
Data audit unit:	ShenZhen MeilihuaTechnology Co.,Ltd.
Modify the instructions:	According to the content of the chemical safety technical specifications and project order "GB/T16483-2008 standard, the former version of the SDS to revise.
Other information:	Revised every 5 years.

This SDS information applies only to the designated products, unless specified otherwise. For this product with a mixture of other substances such as is not used to it.