



SDS Safety Data Sheet

EPOXY ADHESIVE 5min

1. Chemicals and corporate identity

Product identification	FUKKOL EPOXY ADHESIVE 5min
Product number	100355
Suppliers	KALEN INTERATIONAL LTD Hongkong Kowloon New Po Kong Fong Street No. 10 new treasure Center Building 1 room 6 words
Emergency telephone	+ 852-2420 2444
Fax	+ 852-2485 1418
Manufacturer	KALEN LUBRICANTS TECHNOLOGY(HUI ZHOU) LTD.

2. Risk overview

EU standard classification	F; R11 Xn; R65 Xi; R38 R67
GB 13690-92 Classification of common dangerous chemicals	hird types of flammable liquids
Physical / chemical hazard	Flammable. The material will release the vapor to form a combustible mixture of gas, if the vapor accumulation is lit will flash fire or explosion. Electrostatic accumulation of the material may cause the discharge to fire.
Health hazard	The invasive route is inhalation, ingestion and transdermal absorption. Health hazards are central nervous system inhibitors. The first cause of excitement and subsequent inhibition. Acute poisoning: acute poisoning occurs mostly in oral administration. Generally, it can be divided into four stages:



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excitement, hypnosis, anesthesia and asphyxia. The patient entered the third or fourth stage with loss of consciousness, enlargement of the pupil, irregular breathing, shock, cardiac failure and respiratory arrest.

Environmental hazard

Toxic to aquatic organisms, may cause long-term adverse effects on the aquatic environment.

Flame burst hazard

This product flammable

3. Composition

Ingredients	CAS #	Proportion
Bisphenol epoxy resin	25036-25-3	75.0 - 90.0%
Polymethylmethacrylate	9011-14-7	0.0 - 9.5%
hydroquinone	123-31-9	0.0 - 0.5%

4. First aid measures

Inhalation	Avoid further inhalation of contact. For those who offer help, you or others should avoid inhalation.
	Carry out adequate respiratory protection. If there is respiratory irritation, dizziness, nausea, or confusion, please seek medical attention at once.
	If breathing is stopped, please use mechanical equipment to help ventilation or mouth to mouth breathing.
Skin contact	Do not try to remove contaminated clothing to prevent skin damage.
	Use soap and water to clean the contact area and carefully remove the adhesive area.
	Can't be pulled apart mechanically.
Eye contact	Rinse thoroughly with water. If there is a stimulus, seek medical aid.
Feed into	Immediate medical treatment. No vomiting could be induced.
Doctor's attention	If you take this material, you may be inhaled into the lungs and cause chemical pneumonia. Proper treatment of the symptoms.
	If the skin is not sticky, such as hands, clothes, and sticky skin, wipe it off with a small amount of acetone.



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5. Fire control measures

Fire Extinguisher	Use foam, dry chemical reagent (dry powder), or carbon dioxide (CO ₂) fire.
Hazardous combustion products	Carbide, hydride, water
Flash point (degrees C)	Not listed
Fire extinguishing procedure	Firefighters to wear a gas mask, wearing a full body fire service, in the upper hand to fire. As far as possible the containers from fire to open. Water spray to keep fire cooling container, until the end of the fire. If the containers in the fireground have discoloration or generate sound from the safety relief devices, must be immediately evacuated. Fire extinguishing agent: foam, dry powder, carbon dioxide, sand.

6. Unexpected overflow handling measures

High temperature of the material, to avoid fire, Mars, or natural fire, if there is no danger, it is possible to stop and then overflow. With a mop or absorbent material will overflow into the proper container for further processing.

Quickly evacuate the contaminated area personnel to the safe area, and to isolate, strictly limit access. Cut off the fire source. Recommended emergency personnel wear self positive pressure respirator, wear protective clothing for firefighters. As far as possible to cut off the source of leakage, prevent access to sewers, flood channel limited space.

Small leakage	Small leakage: Adsorption or absorption of sand or other non combustible materials. Can also be used a lot of water washing, washing water and diluted into the wastewater system.
Large leakage	Large leakage: Construct a barrier pit to contain; covered with foam, reduce the Vapor Hazard. Explosion proof pump transferred to tank exclusive collector, place the disposal of recycling or shipped to the waste disposal.

7. Operation disposal and storage



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Operating notes

Closed operation, pay attention to ventilation. Operators must be trained in strict compliance with the operating rules. Stay away from fire, heat, smoking is prohibited in the workplace. Use explosion-proof ventilation system and equipment. To prevent vapor from leaking into the air in the workplace. Avoid contact with oxidizing agent. When transporting light light, to prevent damage to packaging and containers.

Mechanical equipment and tools that are prohibited from using the easy to produce sparks.

At the time of filling, we should pay attention to the velocity of flow (not more than 3m/s), and there is a grounding device to prevent the accumulation of static electricity.

Storage precautions

Stored in a cool, ventilated warehouse. Away from fire and heat. The temperature in the warehouse is not more than 30. To prevent direct sunlight. Keep container seal. Should be separate from the oxidant. Storage room lighting, ventilation and other facilities should be used in explosion-proof type, switch located in the warehouse. Equipped with corresponding varieties and quantities of fire equipment. Bottled stacking is not too large, should stay away from the wall, from the top of column, and the necessary fire inspection walkway. Technical measures for fire and explosion prevention in the storage tank. Open tank to summer cooling measures.

8. Exposure control and personal protection

Process control

Production process closed, full ventilation. Provide safe shower and eye washing equipment.

Inhalation

Respiratory system protection
Generally do not need special protection, but the working environment of the air concentration than the general situation, can be worn with a filter type gas mask (half mask).

Personal protection

Body protection Wear anti-static work clothes.
Hand protection Wear general protective gloves.

Its

Smoking is prohibited in the workplace.

9. Physical and chemical properties



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Appearance and smell	Transparent liquid, Pungent smell
Density 20 °C, g/cm ³	1.050
Boiling point °C	135
Steam pressure	13mmHg
Volatilization rate	Rapid
Steam density (atmosphere =1)	>Atmosphere
Solubility Volatile organic compounds (%) g/l: 0	Insoluble in water, can be mixed with organic solvents. 0 lbs./gal:0

10. Stability and chemical reaction data

Stability	Stable
Risk aggregation	Will not produce
Avoid measures	Strong oxidant
Material attention	Avoid contact with water, peroxide and acid-base substances.
The risk of material after decomposition	No

11. Toxicity data

There are no chronic / acute toxicity similar cases, no carcinogenic substances, and there are no chronic / acute toxicity cases at present.

Inhalation	Inhalation of excess steam can cause inflammation of the respiratory tract. If exposed to 40--60ppm, there may be slight tears, nasal irritation and blurred vision.
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Skin contact

The skin is quickly hardened.

Eye contact

Eye contact with excessive steam can lead to tear phenomenon. Instant dry glue will stick to the eyelids, though it will not stick to the eyeball, but it will cause corneal injury.

Oral contact

Immediately hardening causes the mouth to stick.

12. Ecological data

Ecological toxicity

No data display

Environmental degradation

No data display

13. Waste information

Waste method

The empty drum shall be recovered, regenerated or abandoned by the institution of a qualified or executing license, and be careful in any case to make sure that it is in conformity with the national laws and local regulations.

14. Transport information

Maritime name

Cyanoacrylate adhesive

Dangerous goods category

Type 3.2 flammable liquid

United Nations Code

UN1950

Package type

II

Label

2

Hazardous substances
needed to be reported

Unwanted

Special preparation for
transportation

Close packing, fire prevention and high temperature protection

15. Regulation information

EU standard
classification

Combustible. It is harmful.
Irritation. The classification of the product is carried out



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according to the test data of the whole or part of the product.

EU label	Symbol: F, Xn
Risk characteristics	R11; highly flammable. R65; harmful: If swallowing can cause lung injury. R38; stimulates the skin. R67; Steam can cause drowsiness and dizziness.
Safety recommendations	S43; In case of fire, use foam, dry chemical preparation (dry powder) or carbon dioxide S9; Place the container in a well ventilated place. S16; Stay away from fire, please do not smoke. S33; Take ESD preventive measures. S36/37; Wear suitable protective clothing and gloves. S57; Use appropriate containers to avoid environmental pollution S60; This material and its container must be treated with hazardous waste. S62; after eating do not induce vomiting: seek medical advice immediately and show this container or its logo.

16. Other information

Reference:

Change description: No

Other information: No

Disclaimer.:

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