

Material Safety Data Sheet

Section 1: COMPANY DETAILS

Manufacturer/Supplier: GUANGDONG HENGDA NEW MATERIALS TECHNOLOGY., Ltd.	Telephone:0752-2372651
Address: Longfeng Dutian Industrial District, Huizhou city, Guangdong Province, China	Postal Code:516001
Product Name: Kafuter Anaerobic Thread Locker K-0222	

Section 2: Ingredient/Component Information

ITEM	Ingredient	%	CAS NO.
1	Epoxy Resin Methacrylate	40~70	Proprietary
2	Hydroxyalkyl Methacrylate	20~30	923-26-2
3	Multifunctional Methacrylate	5~10	25852-47-5
4	Acrylic Acid	1~5	79-10-7
5	Triethanolamine	1~3	102-71-6
6	Hydroquinone	0.1~0.5	123-31-9
7	Cumene Hydroperoxide	1~3	80-15-9
8	Thixotropic Agent	1~5	112945-52-5

Section 3: Hazards Identification

Risk category: Flammable liquid		Trespass ways: suction, absorption by skin	
Health Hazard	This product may produce some irritated smell.		
	Acute poisoning	It will a bit burn the skin if contact, also it would causes difficulty in breathing and tightness in the chest	
	chronic poisoning	Long using make cause dermatitis	
Environment Hazard	When release into environment, it will fast cure when met the water or moisture in air, the cured is not-hazardous waste.		
Explosion Hazard	Flammable, but no hazard to environment		

Section 4: First-Aid Measures



Skin contact	Do not pull bonded skin apart. Soak in warm soapy water
Eye contact	Immediately flush with plenty of water for at least 5 minutes, get medical attention.
Ingestion	Rinse with mouth immediately, and drink some war water, if serious, please seek for medical advice.
Suction	Quickly go to ventilate place with fresh air t. If have symptom continually, please get the medical help.

Section 5: Fire Protection Measures

Hazard Properties	Flammable, the vapor is irritating gas. The vapor is heavier than air, it can gathered together in the low place and spread from far distance, when contact with ignition source would cause fire, also, would rise with the danger of back draft.
Harmful burning products	Carbon Monoxide
Extinguishing method& Fire extinguishing agent	Distinguishing by Foam, Carbon dioxide, Water spray or fog, Dry powder.
Distinguishing Cautions	The whole body should wear fire protective clothing, including boot. Take positive pressure self-contained compressed air breathing apparatus. Distinguishing in upper drift, invalid by using water

Section 6: Accidental Release Measures

Emergency Process	(1)Quickly evacuate the polluted personnel to safety area, and isolate the place and strictly limited personnel in and out. (2)Cut off the fire, the emergency workers should wear positive pressure self-contained breathing apparatus and antistatic clothes. (3) Cut off the source of leakage to prevent flowing into the sewers and channels such limited space. (4) Small leakage: absorb by sand, vermiculite or other inert materials, Or scrub with emulsion by not-flammable dispersing agent, it can disposal into wasting water system after lotion diluting. (5)Numerous leakages: build a dike or dig a trench for absorption or cover with foam to reduce the steam hazard. Spraying water, foam cooling and dilution steam to protect personnel, transfer it to the special containers, and then recollect or carry to the waste disposal for disposing.
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Section 7: Handling and Storage



Operation:	Using in good ventilate place, and avoid using under the environment of sun directing, high-heating, or with spark and flame. Also, avoid direct contacting with the skin and clothes.
Storage:	1. Keep in a cool, well ventilated area away from heat, sparks and open flame. 2. Don't change the package at random, and should use PP or PE plastics drum when repacking. 3. Don't store and packing by metal, metal-coating, glass, or ceramics drums.

Section 8: Exposure Controls & Personal Protection

Top Allowing Concentrations	No relative control data
Monitoring Way	NONE
Engineering Control	Work place should be ventilate and avoid sunlight.
Respiratory Protection	It may contact with high-steam, should wear self-priming filter type gas mask
Eye Protection	Put on the chemical protection glasses if necessary
Body Protection	Wear cotton clothes
Hand Protection	Wear oil-resistant rubber gloves
Other Protections	No smoking in working place, keep good health habit. After finishing the work, should be take a shower and change the clothes.

Section 9: Chemical Properties

Physical State	Blue viscous liquid	Flash Point(°C):	>93
Boiling Point(°C):	Compound, No data	Relative Density(water=1)	1.1
Naturality	Not-natural	Explosion Hazard	No explosion
Water solubility	Not dissolve in water, but dissolve in toluene		
Application	Thread locking and sealing in the thread pipeline		

Section 10: Stability & Reactivity

Stability	Stable	Avoid contact with	Open fire, high temperature, and strong light
Polymerization Hazard	Hazardous Decomposition Products: CO, CO ₂		
Forbidden things	Oxidants, acids, alkalis, reductant, superoxide, amines, halogen		



Section 11: Toxicological information

Acute toxicity:	No data
chronic poisoning	If using in a long time, may have allergic reaction, if serious, make cause dermatitis
Irritating	May irritate skin, eye, or respiratory

Section 12: Ecological information:

Ecological Hazard:	Have hazard to fish and ecological environment
Dissolution:	No data

Section 13: Disposal Considerations:

Hazardous Waste	The cured products can regard as not-hazard waste.
Recommended method of disposal:	Follow all local, state, federal and provincial regulations for disposal.

Section 14: Transport Information

Hazardous product No.		UN No.:
Packing Sign	Flammable Liquid	Packing Group: (II) type
Transport Consideration	Prevent sun exposing and impacting, isolate with water, amine, ethanol, and alkali when transport, the packing should be sealed and carried carefully to keep the container completed	
Packing Ways	Low volatile polythene bottle	

Note

DISCLAIMER: This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommends in the specific context of the intended use and determine whether they are appropriate.

