



MATERIAL SAFETY DATA SHEET

W1002A/B

A. Manufacturer or Supplier Information

Manufacturer / Supplier :	ULTRA ENERGY ADHESIVE TRADING CO LTD
Manufacturer / Supplier :	ROOM 9, 10/F., INTERNATIONAL PLAZA, 20 SHEUNG YUET ROAD, KOWLOON BAY, H. K.
Tel. :	852-2751 8880
Fax :	852-2795 1625

B. Ingredients Information

Material Name : Epoxy Resin

Product Item No. : W1002A

Name	Chemical Formula	
1) Bisphenol A Epoxy Resin	$C_2H_3O-[C_{18}H_{20}O_3]_n C_{15}H_{14}O_2-C_2H_3O$	90%
2) Additive	$H_2NC_3H_6Si(OC_2H_5)_3$	10%

Material Name : Hardener

Product Item No. : W1002B

Name	Chemical Formula	
1) Polyamine	$C_{36}H_{64}O_4$	97%
2) Accelerator	$C_6H_{10}N_2$	3%

C. Physical & Chemical Characteristics

Material Sharp : Liquid
Boiling Point (°C) : N/A
Vapor Density (Air=1) : N/A
Volatile Speed (Heteroauxin Nitrite=1) : N/A
PH Value : N/A
Appearance : Clear
Odor : N/A
Vapor Pressure (mmHg) : N/A
Weight Ratio (Water=1) : 1.11 - 1.13
Solubility : N/A



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D. Fire & Explosion Information

Flash Point		:	f > 140°C
Testing Method		:	Cup Open
Fire Fighting	Extinguishing Material	:	1211, Dry Power, Carbon Dioxide, Foam
	Special Extinguishing Process	:	N/A
Explosive Properties	Explosive Upper Limit (UEL)	:	N/A%
	Explosive Lower Limit (LEL)	:	N/A%

E. Stability & Reactivity

Stability	Stable <input checked="" type="checkbox"/>	Condition to Avoid : N/A Hazardous Decomposition Substance : N/A
	Unstable <input type="checkbox"/>	
Danger Combination	May Happen <input type="checkbox"/>	Condition to Avoid : N/A
	Not Happen <input checked="" type="checkbox"/>	
Incompatibility	Materials to Avoid : N/A	

F. Hazards & First Aid Measure

The way get in Human Body	Inhale <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/>
Urgent Treatment & First Aid	Acute: Inhale - Vapor stimulates respiratory system, cause throw up and lost appetite. Skin Contact - Cause slight stimulus. Eye Contact - Cause slight stimulus. Ingestion - Cause throws up and lost appetite. 1. After inhale vapor move the victim to air fresh area. 2. Stop breathes, give artificial respiration. 3. Contact with eyes, open the eyelids immediate and flush with water for move than 15 minutes. 4. Contact with skin, rinse with soap and water. 5. In case the victim is unconscious or convulsion, don't feed anything, don't force to throw up, give the victim 300ML water to dilute the stuff in stomach if the victim throw up naturally, move the body forward to avoid sucking in the throw up stuff. 6. Seek medical advice immediately.



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G. Exposure Precaution

Personal Protection Equipment	Eye : Chemical safety protective glasses, eye - washing facilities. Breathe : Organic vapor filler can or poison filler protective facilities. Glove : General plastic glove. Others : Above mentioned plastic material shoe.
Ventilation	Have and keep air circulation.
Operation and Storage Precaution	1. Keep the vessel sealed tightly. 2. Store in cool place, keep away from fire & heat. 3. Smoking should be forbidden in storing and operating areas.
Hygienic Measures	1. Wear face, glove protection, protective clothing and shoe. 2. Again or throw away clothing after washing. Inform workers who wash clothing about the danger of contaminated cloth. 3. No smoking or eating in working area. 4. Wash hands thoroughly after handling. 5. Maintain well internal management.

H. Leakage & Disposal Handling

Leakage	1. Provide suitable protective facilities and ventilation system. 2. Move away heat, fire. 3. Use sand or other insert barriers. 4. Avoid methanol entering into drain or other scaled area. 5. Maintain well internal management.
Disposal	Burn and bury safely according to the local regulations

I. Transportation

UN. NO.	:	N/A
Hazard Classification	:	N/A
Hazard labels	:	N/A