



Safety Data Sheet according to GB/T 16483-2008

HYSOL KL 1000-3LX

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SDS No. : 284501
V002.1

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1. Identification of the substance/preparation and of the company/undertaking

Product name: HYSOL KL 1000-3LX
Intended use: Molding Compound

Manufacturer:

Hysol Huawei Electronics Co.,Ltd
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2. Hazards identification

Classification of the substance or mixture according to GB 13690-2009 (General rule for classification and hazard communication of chemicals):

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Route of Exposure</u>	<u>Target Organ(s)</u>
Skin sensitizer	Category 1A	Skin contact	
Carcinogenicity	Category 2		

Label elements according to GB 15258-2009 (General rules for preparation of precautionary label for chemicals):

Pictogram:



Signal word: Warning

Hazard statement: H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.

Precautionary statement (Prevention): P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement (Response): P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P370+P378 In case of fire: Use CO₂, dry chemical, or foam for extinction.

Precautionary statement (Storage): P403+P235 Store in a well-ventilated place. Keep cool.
P410 Protect from sunlight.

Precautionary statement (Disposal): P501 Dispose of contents/container according to SDS section 13.

3. Composition / information on ingredients

General description: Mixture

Declaration of the ingredients according to GB 13690-2009:

Hazard component CAS-No.	Concentration range	GHS Classification
Phenol-formaldehyde polymer 9003-35-4	5- 10 %	Serious eye irritation 2 H319 Specific target organ toxicity - single exposure 3 H335 Skin sensitizer 1 H317
Antimony trioxide 1309-64-4	1- 5 %	Carcinogenicity 2 H351

Only hazardous ingredients for which a classification according to GB 13690-2009 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

4. First aid measures

Skin contact: Rinse with running water and soap.
Seek medical advice.

Eye contact: Immediately flush eyes with soft jet of water or eye rinse solution for at least 5 minutes. If pains remains (intensive smarting, sensivity to light, visual disturbance) continue flushing and contact/seek doctor or hospital.
Seek medical advice.

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.
Seek medical advice.

Ingestion: Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

5. Fire fighting measures

Hazardous combustion products: Antimony oxides.
Irritating organic vapours.
Oxides of carbon.

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Fire-fighting method: Avoid open flames and sources of ignition.
Do not inhale vapors and fumes.
In case of fire, keep containers cool with water spray.

Notice and measures for firing fighting: If mixed with air in sufficient amounts and proportions, organic dusts can form flammable or explosive dust/air mixtures.
Do not breathe combustion gases.
Wear self-contained breathing apparatus.

6. Accidental release measures

Emergency measures: Keep away from sources of ignition and naked flames.
Ensure adequate ventilation.
Do not let product enter drains.
Avoid dust formation.
Depending on workplace dust concentration, wear dust filter mask with particle filter P1, P2 or P3.
Wear protective equipment.

- Clean-up methods:** Remove all sources of ignition.
Ensure adequate ventilation.
Remove mechanically.
Sweep up spilled material. Avoid creating dust.
- Precautious measures to prevent secondary hazards:** Do not unite with other spilled material.

Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

7. Handling and storage

- Notice for handling:** Avoid naked flames, sparking and sources of ignition.
Avoid dust development and deposition - dust explosion risk. Take precautionary measures against static discharges.
Avoid dust formation.
Use only with adequate ventilation.
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
- Notice for storage:** Store in a cool, well-ventilated place.
Keep away from heat and direct sunlight.
< + 5 °C

8. Exposure controls / personal protection

Hazardous components	GBZ 2.1-2007	ACGIH	NIOSH	OSHA
Phenol-formaldehyde polymer	none	none		none
Antimony trioxide	0,5 mg/m3TWA		0,5 mg/m3 TWA	none

- Engineering controls:** Avoid naked flames, sparking and sources of ignition.
Thorough dedusting.
In use may form flammable/explosive dust-air mixtures.
Ensure good ventilation/suction at the workplace.
- Respiratory protection:** Do not inhale dust.
In case of insufficient ventilation, wear suitable respiratory equipment.
- Eye protection:** Protective goggles
Avoid eye contact.
- Body protection:** Wear suitable protective clothing.
Protective clothing that covers arms and legs.
- Hand protection:** Avoid skin-contact.
Wear refractive gloves while working with the hot melt.
- Other protection:** The selection of PPE shall at least compliant with "Law of the People's Republic of China on Prevention and Control of Occupational Diseases" and "Code of practice for selection of personal protective equipments" (GB/T 11651-2008).
Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working.

Pictograms for recommended PPE:



9. Physical and chemical properties

Physical state:	solid	Appearance:	Black
pH:	Not applicable	Melting point:	> 60 °C (> 140 °F)
Boiling point:	Not available.	Density:	1,90 - 2,05 g/cm ³
Flash point:	Not applicable	Ignition temperature:	> 500 °C (> 932 °F)
Solubility:	Partially miscible (Solvent: Water)	Viscosity:	Not available.

10. Stability and reactivity

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Danger of decomposition if exposed to heat. Danger of dust explosions. Take measures to prevent the build-up of electrostatic charges.
Incompatible products:	Hydrofluoric acid. Strong alkalis. Reacts with strong oxidants.
Decomposition products:	carbon oxides. Irritating organic vapours. Antimony oxides. Bromine compounds
Hazardous polymerization:	None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials.

11. Toxicological information

General toxicological information:

No experimental toxicological data on the preparation as such is available.

Oral toxicity:

Harmful if swallowed.
May cause irritation to the digestive tract.

Other remarks:

Not available.

12. Ecological information

General ecological information:

Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.

Ecotoxicity:

Do not empty into drains / surface water / ground water.

Persistence and degradability:

Ultimate biodegradation:

Not available.

Bioaccumulative potential:

No data available.

Other adverse effects:

Not available.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Antimony trioxide 1309-64-4	LC50	> 1.000 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Antimony trioxide 1309-64-4	EC50	> 1.000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Antimony trioxide 1309-64-4	EC50	67 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)

13. Disposal considerations**Product disposal:**

Waste incineration with the approval of the responsible local authority.
If the waste is classified as hazardous waste according to GB 5085.7-2007 (Identification standards for hazardous wastes, General Specifications). Dispose of as hazardous waste in compliance with "Regulation on the Safety Management of Hazardous Chemicals", "Law of the People's Republic of China on the prevention and control of Environmental Pollution by Solid Waste", "National Catalogue of Hazardous Waste".

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

14. Transport information**General information:**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

Notice For Transportation:

Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

15. Regulations - classification and identification

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/unloading, classification as well as symbol.

"Law of the People's Republic of China on Work Safety"

"Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases"

"Law of the People's Republic of China on environmental protection"

"Regulation on the Safety Management of Hazardous Chemicals"

"Regulations on License to Work Safety"

China Inventory of Existing Chemicals:

All components are listed or are exempt from Inventory of Existing Chemical Substances in China.

16. Other information

Issue department:

SHE Department

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Others:

The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.