



Safety Data Sheet according to GB/T 16483-2008

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HYSOL MG 15F-0140B

SDS No. :

20230201

V001.0

Revision: 27.02.2023

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

Product name: HYSOL MG 15F-0140B
Intended use: Molding Compound

Manufacturer:

Hysol Huawei Electronics Co.,Ltd
No.8 Zhenhua Road, High-tech Industrial Development Zone,
Lianyungang, Jiangsu 222006
Phone: +86-518 85155187
Fax-no.:+86 518 85153825
E-mail: SDS@hysolhuawei.com

Emergency information: Emergency telephone: +86 518-81089316

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>
Carcinogenicity	Category 2		
Serious eye irritation	Category 2A	Eye contact	
Specific target organ toxicity - single exposure	Category 3		

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

Pictogram:



Signal word: Warning

Hazard statement: H351 Suspected of causing cancer.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

**Precautionary statement
(Prevention):**

P260 Do not breathe dust.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.

**Precautionary statement
(Response):**

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.
P308+P313 IF exposed or concerned: 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
Sillicon Dioxide 60676-86-0	60- 80%	
Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol 29690-82-2	5- 10 %	
Benzophenone-3,3':4,4'-tetracarboxylic dianhydride 2421-28-5	5- 10 %	Serious eye irritation 2 H319 Specific target organ toxicity - single exposure 3 H335
Antimony trioxide 1309-64-4	1- 5 %	Carcinogenicity 2 H351
Si-oxide Quartz 14808-60-7	1- 5%	
2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol 40039-93-8	1- 5 %	
Carbon black 1333-86-4	0.1- 1 %	

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 characteristics: Non combustible - Danger of decomposition if exposed to heat.

Hazardous combustion products: Oxides of carbon.
Antimony oxides.
Chlorine compound
Irritating organic vapors.

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

**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.

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:** Keep away from heat and direct sunlight.
 Store in a cool, well-ventilated place.

8. Exposure controls / personal protection

Hazardous components	GBZ 2.1-2007	ACGIH	NIOSH	OSHA
Benzophenone-3,3':4,4'-tetracarboxylic dianhydride	none	none		none
Antimony trioxide	0,5 mg/m ³ TWA	0,5 mg/m ³ 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.

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:	1,80 - 2,00 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

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.
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.

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.

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. Dispose of according to regulations.
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:

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.