



## Safety Data Sheet according to GB/T 16483-2008

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HYSOL MG 15F-MOD2

SDS No. : 284719  
V001.4

Revision: 30.11.2012

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

**Product name:** HYSOL MG 15F-MOD2  
**Intended use:** Molding Compound

**Company name:**  
Hysol Huawei Electronics Co.,Ltd  
Songtiao Industrial Park,Hi-tech District,Lianyungang,Jiangsu  
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**Revision date:** 30.11.2012

**Emergency information:** Emergency telephone: +86 18115208319 (24h).

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

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

**Pictogram:**



**Signal word:** Warning

**Hazard statement:** H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

<b>Precautionary statement (Prevention):</b>	P260 Do not breathe dust. P281 Use personal protective equipment as required. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.
<b>Precautionary statement (Response):</b>	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 CO <sub>2</sub> , dry chemical, or foam for extinction.
<b>Precautionary statement (Storage):</b>	P403+P235 Store in a well-ventilated place. Keep cool. P410 Protect from sunlight.
<b>Precautionary statement (Disposal):</b>	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
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
Cristobalite 14464-46-1	1- 5 %	Specific target organ toxicity - repeated exposure 2; Inhalation H373

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

<b>Skin contact:</b>	Rinse with running water and soap. Seek medical advice.
<b>Eye contact:</b>	Immediately flush eyes with soft jet of water or eye rinse solution for at least 5 minutes. If pain remains (intensive smarting, sensitivity to light, visual disturbance) continue flushing and contact/seek doctor or hospital. Seek medical advice.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice. Seek medical advice.
<b>Ingestion:</b>	Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

### 5. Fire fighting measures

<b>Hazardous characteristics:</b>	Non combustible - Danger of decomposition if exposed to heat.
<b>Hazardous combustion products:</b>	Oxides of carbon. Irritating organic vapours.
<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Notice and measures for fire fighting:</b>	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**

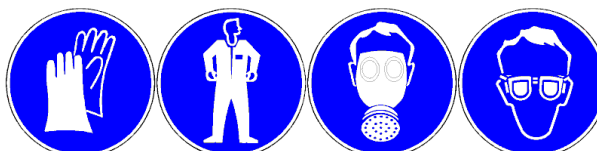
- Notice for handling:** Avoid naked flames, sparking and sources of ignition.  
Avoid dust development and deposition - dust explosion risk. Take precautionary measures against static discharges.  
Avoid dust formation.  
Use only with adequate ventilation.  
Avoid contact with eyes, skin and clothing.  
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
Cristobalite	none	0,025 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.

**Pictograms for recommended PPE:**

**9. Physical and chemical properties**

Physical state: solid material      Appearance: Black granules, tablet

pH:	not applicable	Melting point:	> 60 °C (> 140 °F)
Boiling point:	Not available.	Density:	1,80 - 2,00 g/cm <sup>3</sup>
Flash point:	Product is a solid.	Ignition temperature:	> 500 °C (> 932 °F)
Solubility:	Partially miscible (Solvent: Water)	Viscosity:	Not available.

## 10. Stability and reactivity

<b>Conditions to avoid:</b>	Danger of decomposition if exposed to heat. Danger of dust explosions. Take measures to prevent the build-up of electrostatic charges.
<b>Incompatible products:</b>	Hydrofluoric acid. Strong alkalis. Reacts with strong oxidants.
<b>Decomposition products:</b>	carbon oxides. Irritating organic vapours.
<b>Hazardous polymerization:</b>	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
Cristobalite 14464-46-1	LC50	> 1.000 mg/l	Fish			OECD Guideline 203 (Fish, Acute Toxicity Test)

## 13. Disposal considerations

<b>Product disposal:</b>	Waste incineration with the approval of the responsible local authority. Dispose of according to regulations. Not list in National Hazardous Waste Catalogue, dispose of as normal chemical waste.
<b>Disposal of uncleaned packages:</b>	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” (Adopted by the 28th meeting of 9th NPC standing committee on 29th June 2002).

“Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases” (Adopted by the 24th meeting of 9th NPC standing committee on 27th October 2001).

“Law of the People's Republic of China on environmental protection” (Adopted by 11st meeting of 7th NPC standing committee on 26th December 1989).

“Regulation on the Safety Management of Hazardous Chemicals” (Adopted by 144th State Council executive meeting on 16th February 2011).

“Regulations on License to Work Safety” (Adopted by 34th State Council executive meeting on 7th January 2004).

**China Inventory of Existing Chemicals:**

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

**16. Other information****Issue date:**

15.06.2017

**Issue department:**

SHE Department

**Disclaimer:**

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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.

H373 May cause damage to organs through prolonged or repeated exposure.