



Safety Data Sheet according to GB/T 16483-2008

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HYSOL GR640HV-L1

SDS No. :

20240601

V001.0

Revision: 4th June 2024

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

Product name: HYSOL GR640HVL1
Intended use: Molding Compound

Manufacturer:

Hysol Huawei Electronics Co.,Ltd

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Emergency information: Emergency telephone: +86 518-83080580

2. Hazards identification

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

Hazard Class
Skin sensitizer

Hazard Category
Category 1

Route of Exposure

Target organ

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.

Precautionary statement (Prevention):

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.

Precautionary statement (Response):

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
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
Silica, vitreous, 60676-86-0	60-<80%	
Formaldehyde, polymer with (chloromethyl)oxirane and 2-methylphenol 29690-82-2	10 -< 30 %	
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
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, sensitivity to light, visual disturbance) continue flushing
and contact/seek doctor or hospital.

Inhalation: Move to fresh air. If symptoms persist, 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: Oxides of carbon.
Irritating organic vapours.

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.
Depending on workplace dust concentration, wear dust filter mask with particle filter P1,
P2 or P3.
Avoid dust formation.

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.
Use only with adequate ventilation.
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.

Notice for storage:

Store in a cool, dry place.
Keep away from heat and direct sunlight.

8. Exposure controls / personal protection

Hazardous components	GBZ 2.1-2007	ACGIH	NIOSH	OSHA
Phenol-formaldehyde polymer	none	none		none

Engineering controls:

Ensure adequate ventilation, especially in confined areas.
Extraction is necessary to remove fumes evolved during reflow.
Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respiratory protection:

Do not inhale dust.
In case of insufficient ventilation, wear suitable respiratory equipment.

Eye protection:

Protective goggles
Avoid eye contact.

Body protection:

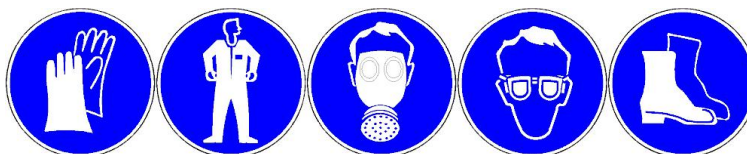
Wear suitable protective clothing.
Protective clothing that covers arms and legs.

Hand protection:

Avoid skin-contact.
Wear refractive gloves while working with the hot melt.

Other protection:

The selection of PPE shall at least comply 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).

Pictograms for recommended PPE:**9. Physical and chemical properties**

Physical state:	powder	Appearance:	black solid
Boiling point:	Not available.	Density:	1,8 - 2,1 g/cm ³
Flash point:	solid	Ignition temperature:	Not available.
Solubility:	Insoluble (Solvent: Water) Soluble (Solvent: Acetone)	Viscosity:	Not available.

10. Stability and reactivity**Stability:**

Stable under recommended storage conditions.

Conditions to avoid:

Danger of dust explosions.
Take measures to prevent the build-up of electrostatic charges.
Danger of decomposition if exposed to heat.

Incompatible products:

Reacts with strong oxidants.
Polymerization may occur at elevated temperature or in the presence of incompatible materials.

Decomposition products: Hydrocarbons
Oxides of carbon.
Irritating organic fragments.

11. Toxicological information

General toxicological information:

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

Oral toxicity:

May cause irritation to the digestive tract.

Other remarks:

Not available.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Phenol-formaldehyde polymer 9003-35-4	LD50	4.100 mg/kg	oral oralinhalationder mal		rat	

12. Ecological information

General ecological information:

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

Ecotoxicity:

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

Persistence and degradability:

Ultimate biodegradation:

Not available.

Bioaccumulative potential:

No data available.

Other adverse effects:

Not available.

13. Disposal considerations

Product disposal:

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". Waste incineration with the approval of the responsible local authority.

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, ADN, 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.