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# MSDS

Report No. JC-202201051819

Sample Name High Precision Resin

Model HR07

Dongguan Godsaid Technology Co., Ltd.



## MSDS Report


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Manufacturer : Dongguan Godsaid Technology Co., Ltd.  
Room 202, Building 10, No. 1, Longkou Road, Shigu,  
Tangxia Town, Dongguan City, Guangdong Province.  
1 10 202

Product Name : High Precision Resin

Model : HR07

Trade :   
resione

This report is limited to the above the company and the product model only.

This Chemical Safety Technical Specification (SDS) only meets the local regulatory requirements and standards of the applicable regulation and may not meet the regulatory requirements of other countries.

( according to Regulation (EC) No. 1907/2006, Regulation (EC) No. 2015/830 )

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### SECTION 1: IDENTIFICATION OF PRODUCT AND SUPPLIER

#### 1.1 Product Identifiers

Product Name: High Precision Resin

Model: HR07

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: 3D printed models

Export to: Not mentioned

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer: Dongguan Godsaid Technology Co., Ltd.

Address: 2nd Floor, Building C2, Yifang Huigu Science and Technology  
地址 park,106Lingnan Road,Tangxia Town,Dongguan  
City,Guangdong. Province,China.

TEL: +86-138 2561 0205 ZIP Code:

E-Mail: sales@godsaid3d.com

Emergency telephone number:

Weekday: +86-138 2561 0205

Night& Holiday: +86-138 2561 0205

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### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 GHS Risk Categories

Acute toxicity, oral (category 5), H303

Acute aquatic toxicity (class 3), H402

#### 2.2 GHS Label elements including precautionary statements

Pictograms:



Signal Word:

Warning

Risk description:

H303 May be harmful if swallowed.  
H402 Harmful to aquatic organisms.

Precautionary statement(s)

Precaution

P273 Avoid release to the environment.

Accident response

P312 Call a first aid center/doctor if you feel unwell.

Disposal

P501 Deliver the contents/container to an approved waste treatment plant for disposal.

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### Physical and chemical hazards

Currently, No information on the dangers of physical or chemical information.

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Health hazards	H303 May be harmful if swallowed. H402 Harmful to aquatic organisms.
Environmental hazard	Currently, no environmental hazard.
Other hazards	None

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance or mixture

Mixture

3.2 Information about the chemical nature of product

Common chemical name /general name	CAS number CAS	EC Number EC	Concentration/Concentration range
Acrylated aliphatic urethane	68987-79-1	-	< 40%
4-acryloylmorpholine	5117-12-4	418-140-1	< 55%
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	< 3%
UV white color paste UV	1317-70-0	-	< 1%
UV yellow color paste UV	-	-	< 0.5%
UV red color paste UV	-	-	< 0.5%

### SECTION 4: FIRST AID MEASURES

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### 4.1 Description of first aid

General Advice:	Consult a physician. Show this safety data sheet to the doctor in attendance.
Eye contact:	Flush eyes with water as a precaution.
Skin Contact:	Wash off with soap and plenty of water.
Inhalation:	If breathed in, move person into fresh air.If not breathing,give artificial respiration. Consult a physician.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Unsuitable extinguishing

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No information available

5.4 Advice for firefighters

5.3

No data available

### SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Avoid breathing dust, vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For disposal see section 13.



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### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Avoid inhaling of vapor or mist.

Normal measures for preventive fire protection.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place.

Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Combustible liquid

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

Components with workplace control parameters:

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- 8.2  
Exposure controls  
Appropriate engineering controls.  
General industrial hygiene practice.

No known national exposure limits.

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate standards such as NIOSH (US) or CEN(EU).

### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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### Body Protection

Working clothes. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### 8.3 Environmental exposure controls

Prevent further leakage or spillage if safe to do so.

Do not let product enter drains.

Discharge into the environment must be avoided.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

a, appearance	liquid
b, color	Salmon
c, odor	No obvious smell
d, pH	No data available
e, Melting point/freezing point:	No data available
f, Initial boiling point and boiling range:	No data available
g, Flash point	No data available
h, Kinematic viscosity	No data available
i, Flammability	No data available
j, Explosive properties	No data available
k, Upper/lower limit of explosion	No data available
l, Vapour pressure(at 20°C)	No data available
m, Vapour density	No data available

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n, Density/relative density	0.95-1.06 g/cm <sup>3</sup> at 25 °C
o, Water solubility	Insoluble
p, Partition coefficient n-octanol/water	No data available
q, Auto-ignition temperature	No data available
r, Decomposition temperature	No data available
s, Oxidizing properties	No data available
t, The evaporation rate	No data available

### 9.2 Other safety information

No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical Stability

Stable under recommended storage and handling conditions.

### 10.3 Possibility of hazardous reactions

No data available

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10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO<sub>x</sub>)

Other decomposition products - No data available.

### SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Refer to below information

Acute toxicity

LD50 Oral - Rat - >2125 mg/kg

LD50 Dermal-Mouse > 5000 mg/kg

Skin corrosion/irritation

No data available

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Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. IARC: IARC
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
11.2 Additional instructions	
Registration of toxic effects of chemical substances:	No data available
Signs and symptoms of exposure:	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. 研

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### SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity:	Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 21.4 mg/l-96h. Toxicity to algae LC50 -Chlamydomonas globose-56mg/l-48h
12.2	Persistence and degradability:	No data available
12.3	Bio biodegradability	No data available
12.4	Mobility in soil:	No data available
12.5	Results of PBT and vPvB assessment: PBT vPvB	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6	Other adverse effects:	No data available

### SECTION 13: WASTE TREATMENT METHODS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by the regulation. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

Waste must be disposed of in accordance with national and local environmental regulations.

Product: Offer



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surplus and non-recyclable product to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN Number

ADR/RID : -

IMDG : -

IATA-DGR : -

#### 14.2 UN proper shipping name UN

ADR/RID Not dangerous goods

IMDG Not dangerous goods

IATA-DGR: Not dangerous goods

#### 14.3 Transport hazard class(es): UN

ADR/RID : -

ADR/RID : -

IMDG : -

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14.4 Packaging group

ADR/RID IMDG: -

IATA-DGR -

14.5 Environmental hazards

ADR/RID no

IMDG : no

IATA-DGR : no

14.6 Special precautions for user

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Please select the appropriate transportation vehicle and storage conditions according to the nature of the chemical.

The means of transport should be equipped with the appropriate variety and quantity of fire-fighting materials and leakage emergency treatment equipment.

If you choose road transportation, please follow the prescribed route.

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14.7 Incompatible materials

Strong oxidizing agents

### SECTION 15: REGULATION INFORMATION

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### 15.1 Safety, health and environmental regulations/legislation specific the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.  
(EC) No. 1907/2006 .

IECSC : Exist or conform to the existing list

Toxic Substances Control Act (TSCA) Status: Components of these products are not listed on the TSCA  
Chemical Substance Inventory of Existing Chemical Substances.  
TSCA)

### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

## SECTION 16: OTHER INFORMATION

The information contained in this safety data sheet is based on the present state of knowledge and current legislation. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.