

# VG2000 MSDS (Material Safety Data Sheet)

## 1. Company information

**Company Name:** Henan Jingrui Electronic Technology Co., Ltd.

**Company address:** Room 1904, Building B, Damageli, No. 139-1 Nanchang Road, Jianxi District, Luoyang City

**Contact number:** 15637925200

**Fax:** /

## 2. Product information

**Product model:** VG2000

**Product type:** UV-curable acrylic resin adhesive

**Product use:** Suitable for bonding wig pieces

## 3 . Product ingredient information

main ingredient	CAS NO.	content%
Acrylic (ester) copolymer	25133-97-5	25-35
4-Acryloylmorpholine	5117-12-4	10-20
Tetrahydrofuran acrylate	2399-48-6	35-45
N,N,-dimethylacrylamide	2680-03-7	5-15
photoinitiator	75980-60-8	2-5
fumed silica	112945-52-5	2-5

**Process:** Mix the above ingredients evenly in proportion, then filter, submit to the testing room for testing, fill after passing the test, and package for shipment.

## 4. Physical and chemical properties

Physical state	Turbid liquid (lemon scent)
Color	light yellow
Viscosity (mPa·s@25°C)	4500-5500
odor	Acrylic smell
pH	6.5
proportion	1.06

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## 5. Hazard information:

This product contains acrylic resin, which is slightly irritating to the respiratory tract, skin and eyes.

Ingestion: harmful to health.

Accidentally enters the eyes: irritates the eyeballs and may cause eye redness and swelling

Inhalation: New contacts and those who inhale at close range for a long time will irritate the respiratory tract.

Skin contact: Excessive or repeated skin contact with the glue may cause skin irritation. Exposure to this product may cause skin irritation in a small number of people.

## 6. Rescue measures

**Inhalation:** Those who feel unwell can go to a ventilated place to breathe fresh air.

**Skin contact:** Wash the skin with detergent or soapy water. Those who cause skin allergies should stop contact and seek medical help.

**In case of accidental entry into eyes:** Rinse with plenty of water for 15 minutes as soon as possible. If you still feel unwell, please seek medical help.

**In case of accidental ingestion:** Go to the hospital immediately.

## 7. Operation and storage

**Operation:** Use in a well-ventilated place. Do not use this product in environments with high heat, freezing, sparks, or flames. Avoid direct contact with your body and clothing.

**Storage:** Store in a cool and dry place. Do not pour the poured glue back into the original container.

**Storage temperature:** 8-28°C

**Storage time:** 12 months

## 8. Personal protection

**Protection against accidental ingestion:** Paste labels such as "Industrial Materials" or "No Edible" on obvious areas of product packaging.

**Skin protection and eye protection:** Choose to use it in a ventilated and spacious environment; it is recommended that direct operators use disposable gloves or finger cots; it is recommended to use automatic machinery to apply glue to reduce human contact.

## 9. Stability and activity

**Stability:** exposure to light and high temperature affects stability

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**Hazardous decomposition products:** Carbon oxides, sulfur oxides, nitrogen oxides, phosphorus oxides and other organic gases.

**Incompatible substances:** Strong oxidizing substances, strong acids, strong bases

## 10. Toxicity information

This product is a non-volatile and non-carcinogen material. The general hazard is contact irritation. Excessive or repeated contact will irritate the skin. It may irritate the eyeballs of first-time contacts and those in close contact for a long time. The irritants are mainly acrylic esters.

This product is of low toxicity, LD50>3000mg/kg

## 11. Ecological information

Avoid discharging directly into pools or sewers before curing; after curing, it becomes a typical polymer and has no direct harm to the environment.

## 12. Fire prevention measures

**Flash point:** 105°C

**Autoignition temperature:** Not applicable

**Flammable/explosive minimum content:** Not applicable

**Flammable/explosive maximum content:** Not applicable

**Fire extinguishing method:** Dry powder fire extinguisher or foam fire extinguisher

**Special fire protection measures:** none

**Unusual Fire or Explosion:** Uncontrolled polymerization at high temperatures may cause explosion or rupture of the bottle.

**Hazardous combustion products:** carbon dioxide, nitrogen oxides, phosphorus oxides, sulfur oxides and irritating organic gases.

## 13. Processing guidance

After use, bottles and cartons with remaining product should be disposed of in accordance with regulations.

Since this product does little harm to the environment before and after use, there are no strict requirements for disposal.

## 14. Shipping information

This product does not contain internationally banned hazardous substances.

## 15. Regulatory Information

This product complies with the regulatory requirements for related products and is not a product that requires a safety license for production.

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## 16. Other Information

This article is the material safety information of VG2000. If you have any questions or want to learn more, please feel free to call us.

