



SDS Service Summary

No.: CANPC26014170601

Date: 03 Jun 2026

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SGS Job No. : GZPC2605003979
Product Name : HPA Eco-friendly Powder Adhesive
Manufacturer / Supplier : GUIZHOU JIADESAI NEW MATERIAL CO., LTD
Composition/Ingredient of product (as per applicant submission) : See *section 3 Composition/information on ingredients* on the SDS
Job Receiving Date : 01 Jun 2026
SDS Preparation Period : 01 Jun 2026-03 Jun 2026

Service Requested : Preparation of Safety Data Sheet (SDS) for the product with submitted information, with calculation of the classification and labeling requirement according to the submitted composition and European Commission Regulation (EC) No 1272/2008.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2020/878, and is provided per attached.

Disclaimer

This Safety Data Sheet (SDS) is provided to applicant to fulfill European Commission Regulation (EC) No 1907/2006 and communicate the hazard information of chemicals through the supply chain to ensure safe use.

It is not a test report or a certificate ensuring the safety of a product.

SGS has consolidated product information based on documents provided by Applicant (i.e. product name, the supplier details, product composition, available physical data, etc.) without independent verification from SGS.

The information is provided without any warranty, express or implied, regarding its correctness.

Zm Guan

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Project Engineer

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Safety data sheet

Regulation (EC) 1907/2006 and 1272/2008

Printing date: 03.06.2026

Version number: 1.0

Revision date: 03.06.2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** HPA Eco-friendly Powder Adhesive
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:**
Used as adhesivematerlal in plywood andwood-based panelmanufacturing
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:** GUIZHOU JIADESAI NEW MATERIAL CO., LTD
- **Full address:**
ECONOMIC DEVELOPMENT ZONE, CENGONG COUNTY, QIANDONGNAN MIAO AND DONG AUTONOMOUS PREFECTURE, GUIZHOU PROVINCE
- **Phone number:** 400-168-0866
- **Email:** jiadesaiofficial@gmail.com
- **Only Representative / other EU contact point:** Not available
- **1.4 Emergency telephone number:**
IRELAND
National Poisons Information Centre
Tel: +353 (01) 809 2566 (For healthcare professionals)
+353 (01) 809 2166 (For public: 8am - 10pm)
- **1.5 Reference Number:** CANPC26014170601,GZPC2605003979

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
- 
GHS08 health hazard

 STOT RE 2 H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of Regulation (EC) No.1272/2008.
- **Classification system:**
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No. 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**
- 

GHS08
- **Signal word** Warning
- **Hazard-determining components of labelling:**
Fumes, silica
- **Hazard statements**
H373 May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Precautionary statements**
P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards:**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Determination of endocrine-disrupting properties** Not applicable

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:**
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to section 16.

- **Composition:**

CAS: 69012-64-2 EINECS: 273-761-1	Fumes, silica	 STOT RE 2, H373 Substance with a Union workplace exposure limit	47%
CAS: 68412-29-3	Starch, converted		40%
CAS: 471-34-1 EINECS: 207-439-9	Calcium carbonate	Substance with a Union workplace exposure limit	8%
CAS: 9002-89-5	Ethenol, homopolymer		5%

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General description:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Immediately move the affected person to a place with fresh air.
- **After skin contact:**
Immediately remove any contaminated clothing, shoes, and socks; thoroughly rinse the skin with plenty of water for at least 15 minutes; if irritation persists, seek medical attention immediately.
- **After eye contact:**
Immediately flush the eyes with plenty of water for at least 15 minutes, while holding the eyelids open. If irritation persists, seek medical attention immediately
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed:**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture:**
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:**
Mount respiratory protective device.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

CAS: 69012-64-2 Fumes, silica

AGW (Germany)	Long-term value: 0.3 A mg/m ³ DFG, Y, I
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CAS: 471-34-1 Calcium carbonate

VLEP (France)	Long-term value: 10 mg/m ³
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· **Regulatory information**

AGW (Germany): TRGS 900

VLEP (France): ED 1487 26.04.2024

· **DNELs:** Not available

· **PNECs:** Not available

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

· **Appropriate engineering controls:**

Keep away from foodstuffs, beverages and feed.

Store protective clothing separately.

See Section 7 for information about design of technical facilities.

· **Individual protection measures, such as personal protective equipment**

· **Respiratory protection:** Wear a dust mask or respirator

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· Hand protection:*Protective gloves*

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Wear protective gloves

· Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection: Wear goggles**· Body protection:***Protective work clothing***· Thermal hazards:** Not required for normal conditions of use.**· Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Physical state:	Powder
· Colour:	Off-white
· Odour:	Odorless
· Odour threshold:	Not available
· Melting point/Freezing point:	Not available
· Boiling point or initial boiling point and boiling range:	Not available
· Flammability:	Not available
· Lower and upper explosion limit	
· Lower:	Not available
· Upper:	Not available
· Flash point:	Not available
· Auto-ignition temperature:	Not available
· Decomposition temperature:	Not available
· pH:	Not available
· Viscosity	
· Kinematic viscosity:	Not available
· Dynamic viscosity:	25000-28000 mPas
· Solubility	
· Water:	Not available
· Partition coefficient n-octanol/water (log value):	Not available
· Vapour pressure:	Not available

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- **Density and/or relative density**
 - **Density:** Not available
 - **Relative density:** Not available
 - **Relative vapour density:** Not available
 - **Particle characteristics:** Not available
-
- **9.2 Other information**
 - **Appearance:**
 - **Form:** Powder
-
- **Information with regard to physical hazard classes**
 - **Explosives:** Not applicable
 - **Flammable gases:** Not applicable
 - **Aerosols:** Not applicable
 - **Oxidising gases:** Not applicable
 - **Gases under pressure:** Not applicable
 - **Flammable liquids:** Not applicable
 - **Flammable solids:** Not applicable
 - **Self-reactive substances and mixtures:** Not applicable
 - **Pyrophoric liquids:** Not applicable
 - **Pyrophoric solids:** Not applicable
 - **Self-heating substances and mixtures:** Not applicable
 - **Substances and mixtures, which emit flammable gases in contact with water:** Not applicable
 - **Oxidising liquids:** Not applicable
 - **Oxidising solids:** Not applicable
 - **Organic peroxides:** Not applicable
 - **Corrosive to metals:** Not applicable
 - **Desensitised explosives:** Not applicable
 - **Other safety characteristics:** Not available

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability:** No further relevant information available.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

CAS: 471-34-1 Calcium carbonate

Oral	LD50	6,450 mg/kg (rat)
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CAS: 9002-89-5 Ethenol, homopolymer

Oral	LD50	14,270 mg/kg (mouse)
		23,854 mg/kg (rat)

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

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- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:**
May cause damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· Endocrine disrupting properties:

None of the ingredients is listed.

- **Other information:** No further relevant information available.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Endocrine disrupting properties:**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects:** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|---------------------|
| <ul style="list-style-type: none"> · 14.1 UN number · ADR/RID/ADN, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR/RID/ADN, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR/RID/ADN, IMDG, IATA · Class · Label | Not applicable
- |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR/RID/ADN, IMDG, IATA | Not applicable |

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- | | |
|--|----|
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user: Not applicable | |
| · Hazard identification number (Kemler code): | - |
| · 14.7 Maritime transport in bulk according to IMO instruments Not applicable | |
| · 14.8 Transport/Additional information: Not applicable | |
| · UN "Model Regulation": Not applicable | |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** Not applicable
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** Not applicable
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** Not applicable

- **REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)**

None of the ingredients is listed.

- **Regulation (EU) No 649/2012**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

None of the ingredients is listed.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (4/2/2026)**

None of the ingredients is listed

- **REACH Regulation Annex XVII Restriction (20/4/2026)**

See Section 16 for information about restriction of use.

None of the ingredients is listed

- **REACH Regulation Annex XIV Authorisation List (13/11/2023)**

None of the ingredients is listed

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

· **Recommended restriction of use** Not applicable

· **Relevant hazard statements**

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

· **Classification according to Regulation (EC) No. 1272/2008**

Specific target organ toxicity (repeated exposure)

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No. 1272/2008.

· *****
The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

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· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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