



## Safety Data Sheet (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by  
Commission Regulation (EU) 2020/878.

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

#### 1.1. Product identifier

**Product name:** Speedy-fix

**Product group:** Powder

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

For sealing and bonding.

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

Company: Zhejiang Guoneng Technology Co., Ltd.

Address: NO.1518 MENGXI ROAD, HUZHOU, ZHEJIANG, CHINA

TEL: 0086-572-2109399

FAX: 0086-572-2352225

Email: Sales@visbella.com

#### 1.4. Emergency telephone number

Emergency telephone number: 0086-572-2109399

Intended use: It is used for sealing and bonding.

Further information: Zhejiang Guoneng Technology Co., Ltd.

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture:

**2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP):** not classified.

**2.1.2. Additional information:** For full text of Hazard- and EU Hazard-statements: see SECTION 16.

#### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP]:**

**Hazard Pictograms:** No pictogram required.

**Signal Word:** Not applicable.

**Hazard Statements:** No special requirements.

**Precautionary Statements:** No special requirements.

**Response Precautionary Statements:** No special requirements.

**Storage precautionary statements:** No special requirements.

**Disposal precautionary statements:** No special requirements.

#### 2.3. Other hazards:

This product does not contain any PBT or vPvB substances.

Spills can represent a risk of slipping due to the grain shape.

**Information of endocrine disrupting substances:** No endocrine disruptors.



### 3. Composition/information on ingredients

**Product description:** substance ( ); preparation/mixture (√)

Ingredients/ Components	CAS No.	EC No.	Index No.	% by weight	Classification according to Regulation (EC) No 1278/2008 (CLP).
calcium carbonate	471-34-1	207-439-9	Not available	40-60%	Not available
Aluminium oxide	1344-28-1	215-691-6	Not available	30-40%	Not available
silicone carbide	409-21-2	206-991-8	Not available	10-20%	Not available

**Note:** The mixture does not contain endocrine disruptors.

### 4. First aid measures

#### 4.1. Description of first aid measures:

**General notes:** No information available.

**Following inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Following skin contact:** Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention.

**Following eye contact:** Remove contact lenses if present and easy to do, continue rinsing. If eye irritation persists: Get medical advice/attention.

**Following ingestion:** Rinse mouth. Do not induce vomiting without professional instruction. Call a POISON CENTER or doctor/physician if you feel unwell.

**Self-protection of the first aider:** No special requirement.

**4.2. Most important symptoms/effects, acute and delayed:** Acute effect: Not found. Delayed effect: Not found.

**4.3. Indication of any immediate medical attention and special treatment needed:** Treat according to symptoms.

### 5. Fire-fighting measures

#### 5.1. Extinguishing Media

**Suitable extinguishing media:** Use water spray, dry chemicals, carbon dioxide, foam, dry sand for extinction.

**Unsuitable Extinguishing Media:** High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

**5.2. Special hazards arising from the substance or mixture:** The product is not flammable, and has no special danger.

**Hazardous combustion products:** It may release smoke, carbon monoxide, carbon dioxide and other hazardous gas from thermal decomposition.



### 5.3. Advice for fire-fighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing).

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

## 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures:** Use proper personal protective equipment as indicated in Section 8.

**6.2. Environmental Precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

**6.3. Methods and materials for containment and cleaning up:**

#### **Leakage treatment :**

Avoid dust formation. Remove spillage with vacuum cleaner.

If not possible, collect spillage with shovel, broom or the like.

Transfer to a container for disposal.

**6.4. Reference to other sections:**

For more information, please refer to Section 8 and Section 13.

## 7. Handling and storage

**7.1. Precautions for safe handling:**

Avoid handling which leads to dust formation. Avoid inhalation of high concentrations of dust.

Observe occupational exposure limits and minimise the risk of inhalation of dust.

**7.2. Conditions for safe storage, including any in compatibilities**

**Technical measures and storage conditions:** Store it in a well-ventilated, cool and dry store room. Keep in original container. Long-time direct sunlight and high temperature. Keep out of the reach of children.

**Incompatible materials:** No information available.

**Packaging materials:** Aluminum plastic pipe or plastic pipe.

**Requirements for storage rooms and vessels:** Well-ventilated and dry.

#### **Storage class**

**Further information on storage conditions:** The storeroom should be equipped with proper facilities for accidental fire.

**7.3. Specific end use(s):** It is used for sealing and bonding.



## 8. Exposure controls/personal protection

### 8.1. Control parameters:

Name	STD	TWA -8Hrs	STEL - 15Min	Notes
Aluminium Oxidet	/	5.0 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	A, E

A = Aveolengängiger Anteil

E = Einatembare Fraktion

Ingredient comments:

Dust contains respirable crystalline silica. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable dust should be monitored and controlled. The product should be handled using methods and techniques that minimise or eliminate dust generation. The product contains less than 1% w/w RCS (respirable crystalline silica) as determined by the SWERF method. The respirable crystalline silica content can be measured using the "Size-Weighted Respirable Fraction – SWERF" method.

### 8.2. Exposure controls:

#### 8.2.1. Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Install washer eyes and safety showers near to the handling and storage area.

#### 8.2.2. Personal protection equipment:

##### Hand protection:

No specific hand protection noted, but gloves may still be advisable.



##### Eye protection:

Wear dust resistant safety goggles where this is a danger of eye contact.



##### Respiratory Protection:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Wear dust masks in dusty areas.



##### Body Protection:

Recommend wearing general working clothing.





**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Avoid contact with eyes and broken skin.

**8.2.3 Environmental exposure controls:**

Maintain levels below Community environmental protection thresholds.

**9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

General Information	
Physical state	Granular powder
Colour	Black/Grey/Red/Yellow/Blue/Green/White
Particle characteristics	D50:200-250um ,D97:400-500um Average particle size:200-250um
Odour	Odourless
Odour threshold	No data available
pH	Not applicable
Melting point	2000 °C (3632°F)
Initial boiling point and boiling range	No data available
Flash point	Not applicable
Evaporation rate	No data available
Flammability (solid, gas)	Non-flammable
Flammable/Explosive Limits-Lower Vol %	No data available
Flammable/Explosive Limits-Upper Vol %	No data available
Vapour pressure	No data available
Vapour density	No data available
Density (20°C)	>3.1 g/cm <sup>3</sup>
Solubility (water)	Insoluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity (mm <sup>2</sup> /s)	Not applicable
Explosive properties	No data available
Oxidizing properties	No data available

**9.2 Other information:** Not available.



## 10. Stability and reactivity

- 10.1. Reactivity:** No specific reactivity hazards associated with this product.
- 10.2. Chemical stability:** stable.
- 10.3. Possibility of hazardous reactions:** Not relevant.
- 10.4. Conditions to avoid:** No specific conditions are likely to result in a hazardous situation.
- 10.5. Incompatible materials:** No specific, or groups of materials, are likely to react to produce a hazardous situation.
- 10.6. Hazardous decomposition products:** None under normal circumstances.

## 11. Toxicological information

- 11.1. Information on toxicological effects:**  
This substance has no evidence of carcinogenic properties.

### Acute toxicity:

Acute toxicity (Oral LD50):	Not relevant
Acute toxicity (Dermal LD50):	Not relevant
Acute toxicity (Inhalation LC50):	Not relevant
Skin corrosion/irritation:	Powder may irritate skin.
Serious eye damage/eye irritation:	Particles in the eyes may cause irritation and smarting.
Respiratory sensitizer:	No classification for this product.
Skin sensitizer:	No classification for this product.
Germ cell mutagenicity:	No classification for this product.
Carcinogenicity:	No classification for this product.
Reproductive Toxicity:	No classification for this product.
Specific target organ toxicity, single exposure:	No classification for this product.
Specific target organ toxicity, repeated exposure:	No classification for this product.
Aspiration hazard:	Dust in high concentrations may irritate the respiratory system.
Ingestion:	May cause discomfort if swallowed.
Effects on or via lactation:	No classification for this product.

- 11.2. Endocrine disruptor information:** The mixture does not contain endocrine disruptors.



## 12. Ecological information

**12.1. Toxicity:** Not regarded as dangerous for the environment. Not considered toxic to fish.

**12.2. Persistence and Degradability:** The product is not readily biodegradable.

**12.3. Bioaccumulative Potential:** The product is not bioaccumulating.

**12.4 Mobility in Soil:** Not relevant, due to the form of the product.

**12.5 Results of PBT and vPvB Assessment:** Not relevant, due to the form of the product.

**12.6 Endocrine disruptor information:** The mixture does not contain endocrine disruptors.

**12.7 Additional information:** No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product / Packaging disposal:

Incineration or landfill is recommended for waste disposal.

After the contents are completely removed, the container is discarded at the general waste collection point.

#### Waste codes / waste designations according to LoW

EWC code: 20 01 28

In other countries different conditions might be valid. All national and local laws have to be considered.

#### 13.1.2. Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

#### 13.1.3. Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

**13.1.4. Other disposal recommendations:** Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

## 14. Transport Information

### ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:

**14.1. UN number or ID number:** Not applicable.

**14.2. UN proper shipping name:** Not regulated.

**14.3. Transport hazard class (es):** Not applicable.

**14.4. Packing group:** Not applicable.

**14.5. Assigned Pictogram:** Not applicable.

**14.6. Environmental hazards (Marine Pollutant (Yes/No)):** No.

**14.7. EMS NO.:** Not applicable.

**14.8. Special precautions for user:** Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

**14.9. Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable.



## 15. Regulatory information

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

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.

**REACH Regulation Annex XVII Regulation List:** Not listed.

**REACH Regulation Annex XIV Authorization List:** Not listed.

**Germany – WGK:** Not classified.

### 15.2. Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

#### Other relevant regulations:

**Sara:**

**Section 355 (extremely hazardous substances):** Not listed.

**SARA 313:** Not listed.

#### Toxic Substances Control Act (TSCA):

Ingredient (s)	CAS No.	TSCA Inventory
calcium carbonate	471-34-1	Listed
Aluminium oxide	1344-28-1	Listed
silicone carbide	409-21-2	Listed

#### Clean Water Act:

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA – Hazardous Substances
Not applicable	Not applicable	Not listed	Not listed	Not listed

**Carcinogenicity categories:** Not listed by ACGIH, IARC and NTP.



## 16. Other information

### DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

### References:

EC No.1907/2006 (REACH)

EC No. 1272/2008 (CLP)

Commission Regulation (EU) 2015/830

For full text of Hazard- and EU Hazard-statements:	
Not applicable.	Not applicable.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr.	Classification procedure
1272/2008	
Not applicable.	Not applicable.

### Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA-International Air Transport Association

ICAO-International Civil Aviation Organization

TSCA-Toxic Substances Control Act

OSHA-Occupational Safety and Health Administration

ACGIH-American Conference of Governmental Industrial Hygienists

The Issuing date: January 10, 2021

SDS Version: 1

\*\*\*\*\*The End\*\*\*\*\*