

# MATERIAL SAFETY DATA SHEET

Version1.8

Date of last alteration:04/11/2025

## 1. Chemical Product and Company Identification

Product Name : Silane Repellent Agent Powder  
 Other name : Hydrophobic agent, silane powder, silane repellent powder, silicone repellent powder, silane hydrophobic power, silicone hydrophobic agent  
 Recommended Uses : Tile grouts mortar, Plasters mortar, Anti-cracking mortar, Waterproof mortar, Sealing slurries, Decorative render and plaster for wall  
 Manufacturer : Shandong Charing Industry Co.,Ltd  
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## 2. Hazards Identification

Hazards Identification : This substance is considered to be non-hazardous for transport.  
 Emergency Overview : Irritating to eyes, respiratory systems and skin.

## 3. Composition, Information on Ingredients

Main ingredient	Composition	CAS NO.
Silicone Inorganic filler	50%-60%	2943-75-1
Polyvinyl alcohol	8-12%	9002-89-5
Anti-blocking agent	30%-40%	7631-86-9

## 4. First Aid Measures

### 4.1 Description of first aid measures

#### General information:

Under ordinary workplace conditions : No special measures required.

#### After inhalation:

Provide fresh air.

#### After contact with the skin:

Wash with plenty of water or water and soap.

#### After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

## 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media:

Water spray, water mist, extinguishing powder, foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons : water jet.

### 5.2 Advice for firefighters

#### Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust.

### 6.2 Environmental precautions

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Cover any spilled material in accordance with regulations to prevent dispersal by wind.

## 6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations.

### Further information:

Eliminate all sources of ignition. Observe notes under 7.

## 6.4 Reference to other sections

Relevant information in other sections have to be considered. This applies in particular for information given on personal protective equipment (8.) and on disposal (13.).

## 7. Handling and storage

### Precautions for safe handling

Direct sunshine and raining, moisture must be avoided.

### Storage:

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and foods.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### 8.2.1 Exposure in the work place limited and controlled

##### General protection and hygiene measures:

Do not breathe dust. Do not eat, drink or smoke when handling.

##### Personal protection equipment:

##### Respiratory protection

In case of dust formation: fine dust mask without protection rating.

##### Hand protection

Recommendation: rubber gloves.

##### Eye protection

Recommendation in case of dust formation: tight fitting protective goggles.

#### 8.2.2 Exposure to the environment limited and controlled

Only introduce into water purification plants in diluted state. Do not introduce large amounts into purification plants.

### 8.3 Further information for system design and engineering measures

Observe regulations for protection against explosion.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General information:

Appearance	: White color powder
Odor	: Weak odor
Flashing Point	: >100°C (closed cup)
pH Value (10% in water)	: 6~8
Stable	: Stable
Materials to Avoid	: Strong oxidizing agents
Hazardous Polymerization	: Will not occur
Hazardous decomposition products	: Carbon monoxide, Carbon dioxide

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## 10. Stability and reactivity

### 10.1 Chemical stability

Stable under normal temperatures and pressures

### 10.2 Conditions to avoid

Incompatible materials, dust generation, excess heat, strong oxidants.

### 10.3 Hazardous decomposition products

Carbon Monoxide, irritating and toxic fumes and gases, carbon dioxide

## 11. Toxicological information

11.1 Epidemiology : No information available

11.2 Teratogenicity : No information available

11.3 Reproductive Effects : No information available

11.4 Neurotoxicity : No information available

11.5 Mutagenicity : No information available

11.6 Other studies : No data available

## 12. Ecological Information

No information available.

## 13. Disposal considerations

Discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

### 14.1-4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

#### Road ADR:

Valuation : Not regulated for transport by IMDG/IMO

#### Railway RID:

Valuation : Not regulated for transport by IMDG/IMO

#### Transport by sea IMDG-Code:

Valuation : Not regulated for transport by IMDG/IMO

#### Air transport ICAO-TI/IATA-DGR:

Valuation According to IMDG/IMO, it's not dangerous cargo : Not regulated for transport by IMDG/IMO

## 15. Regulatory information

Reference to the local, national, US, EU and international regulation

TSCA : US

## 16. Other information

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