



SAFETY DATA SHEET

Product Name : SK EPO FILLER POWDER
SDS Ref. No : SDS-4002-01
Revision : 05
Date of issue : 07.01.2026

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name : SK EPO FILLER POWDER
Product Description : EPOXY RESIN 3-PACK CEMENT FILLING COMPOUND
Recommended Use : Decorative coating for building surfaces

Company Identification : **SKK (S) PTE LTD**
No 14 Pandan Road, Singapore 609262
Emergency Telephone Number : (65) 6 274 0020
Fax Number : (65) 6 6278 0060
Website : www.skk.com.sg

2. HAZARDS IDENTIFICATION

Physical Hazard

No classified

Health Hazard

| | |
|---------------------------|-------------|
| Skin Irritation | Category 1B |
| Eye Irritation | Category 1 |
| Skin Sensitisation | Category 1 |
| Respiratory Sensitization | Category 1 |
| Carcinogenicity | Category 1A |

Environmental Hazard

No classified

GHS Pictogram



Signal Word

Danger

Hazard Statements

H314: Causes Severe Skin Burns and Eye Damage
H317: May cause an Allergic Reaction
H335: May cause respiratory irritation
H350: May Cause Cancer



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Precautionary Statements

P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P260: Do not breathe dusts
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301 + P330 + P331: If Swallowed: Rinse Mouth. Do NOT induce vomiting. Immediately call a poison center/physician.
P302 + P352: If on Skin: Wash with plenty of soap and water.
P303 + P353 + P361: If on Skin (or Hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Contact a poison center/physician if needed.
P304 + P340 + P312: If Inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305 + P310 + P351 + P338: If in Eyes: Rinses cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. Immediately call a poison center/doctor.
P308 + P313: If exposed or concerned: get medical advice/attention.
P313 + P332: If skin irritation occurs: get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.

Storage

P403 + P235 : Store in a well ventilated place. Keep cool.
P235 + P405 : Keep Container tightly closed. Store locked up.

Disposal

P501 : Dispose of contents and container to appropriate waste site in accordance with local and national regulation

3. COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT | CAS NO. | PERCENTAGE, % |
|-----------------|------------|---------------|
| Silicon Dioxide | 7631-86-9 | 10 - 30 % |
| Portland Cement | 65997-15-1 | 30 – 70 % |

4. FIRST AID MEASURES

Inhalation : Supply to fresh air and call for medical assistance immediately.
If not breathing, give artificial respiration, if breathing is difficult, give oxygen.
Keep at rest.

Skin Contact : Wash skin with mild soap and water immediately.
If skin irritation persists, seek medical advice.



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Eye contact : In case of eye contact, immediately rinse with clean water for at least 15 minutes. Get medical attention if irritation persists.

Ingestion : Do not induce vomiting. Rinse mouth with plenty of water.
Get immediate medical advice/attention immediately.

5. FIRE - FIGHTING MEASURES

Suitable extinguishing media : Water spray, alcohol resistant foam, Carbon dioxide, or dry chemical type.

Unsuitable extinguishing media : Unknown.

Hazardous decomposition : Stable at normal and room temperature

Special risks : Non-combustible

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Avoid dust formation. Avoid breathing vapours, mist or gas.

Environmental Precautions

- Do not let spilled material enter drains. Do not flush into surface water of sanitary sewer system
- Avoid contact with acids.

Methods and materials for containments and Cleaning up

- Sweep up and shovel.
- Keep in suitable, closed container for disposal.
- Disposal in accordance to local/national regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Avoid contact with skin, wear respiratory protection if excessive dust is released from opened packaging.

Conditions for safe storage, including any incompatibilities

Store in cool, dry and well-ventilated place. Keep in original packaging or tightly closed container.

Keep away from acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters/Occupational Limits

No exposure limit value known but if this product contains ingredients with exposure limits, all personnel and workplace atmosphere must ensure work carry out in an adequate ventilated condition. Wear full protective clothing and use of NIOSH – approved respirators with organic vapour cartridges is recommended.



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Appropriate Engineering Control Measures

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

Ensure eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye protection : Use of safety glasses with side shield is recommended.

Hand protection : Chemical resistance gloves are recommended.

Skin and body protection : Wear chemical resistant clothes and safety shoes when handling product.

Respiratory protection : Use suitable breathing apparatus.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------------|---------------------|
| Appearance | : Greyish powder |
| Odor | : Odorless |
| PH | : Approx. 12 (Wet) |
| Boiling point/boiling range | : No data available |
| Flash point | : No data available |
| Evaporation rate | : No data available |
| Flammability | : Non-flammable |
| Lower and upper flammability limit | : No applicable |
| Vapour pressure | : Negligible |
| Vapour density | : No applicable |
| Specific Gravity | : Approx. 3.15 |
| Solubility in Water | : Slightly |
| Stability | : Stable |

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under condition of normal use

Chemical stability

Stable under ordinary conditions of use and storage

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reaction will not occur.

Conditions to avoid

Incompatible materials, dust generation, acids, excess heat.

Hazardous decomposition products

None under normal use. Can react with acids under the formation of carbon dioxide(CO₂) that can displace oxygen.

Toxic particulates may be released in a fire involving calcium carbonates.



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11. TOXICOLOGICAL INFORMATION

Acute Oral toxicity

LD₅₀ oral, rat = 5000 mg/kg

Acute dermal/skin toxicity

Data not available

Acute inhalation toxicity

Data not available

Skin Corrosion or Irritation

Data not available

Serious eye damage or Irritation

Data not available

Respiratory sensitisation

Inhalation of dust causes discomfort to the upper respiratory tract.
Prolonged and repeated exposure can effect the respiratory system

Skin sensitisation

Data not available

Germ cell mutagenicity

Data not available

Carcinogenicity

Data not available

Reproductive toxicity

Data not available

Specific Target Organ Toxicity (STOT)- Single Exposure

Data not available

Specific Target Organ Toxicity (STOT)- Repeated Exposure

Data not available

Asphyxiation hazard

Data not available



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12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity

LC₅₀ Fish 96h > 10,000 mg/l

LC₅₀ Daphnia 49h > 1,000 mg/l

LC₅₀ Algae 72h > 200 mg/l

Persistence and degradability

Not degradable, it is a naturally occurring rock, part of the earth's crust.

Bioaccumulative potential

Calcium carbonate is substance occurring in any ecosystem

Mobility in soil

Calcium carbonate is practically insoluble, and so presents a low mobility in most ground. Moreover it is used as fertilizer

Result of PBT and vPvB assessment

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Do not dispose into drains or into water ways.

Sweep up, or vacuum up into paper bags and dispose accordance with local waste and environmental authority requirements.

Empty containers should be recycled or disposed through an approved waste licensed contractor.

14. TRANSPORT INFORMATION

LAND TRANSPORT

Not classified as Dangerous Goods by the European Agreement criteria concerning the international carriage of Dangerous Goods (ADR) by Road & Regulations concerning the international carriage of Dangerous goods (RID) by Rail.

SEA TRANSPORT

Not classified as Dangerous Goods by the International Maritime Dangerous Goods Code (IMDG Code) criteria for transport of Sea.



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AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this product.

Applicable national regulations:

Standard on Hazard communication for hazardous chemicals and dangerous goods

SS-586: Part 1: 2021- Transport and storage of dangerous goods

SS-586: Part 2:2022 – GHS of classification and labelling of chemicals

SS-586: Part 3: 2022 - Preparation of safety data sheet

MOM : Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations

NEA: Environmental Protection and Management Act & Environmental Protection and management (Hazardous Substances) Regulations

SCDF : Fire Safety Act & Fire Safety(Petroleum and Flammable Materials) Regulations

SPF : The Arms and Explosive Act, the Arms and Explosives (Explosives) Rules, and the Arms and Explosives (Explosive Precursors) Rules

16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate and the source of information which we have obtained is believed to be reliable. However, we cannot assume any liability for the accuracy or completeness of this information. Due to the conditions of handling, storage, use and disposal of this product are beyond our control, we shall not be liable for any damages incurred by the use of this product.

All materials may present unknown hazards and should be always used with caution.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable