Product Name	**: SK EPO FILLER POWDER**
MSDS REF NO.	**: 1809**
ISSUE DATE	**: 05.11.2025**

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE

PRODUCT INFORMATION

TRADE NAME : SK EPO FILLER POWDER

PRODUCT DESCRIPTION : THREE COMPONENT, EPOXY RESIN BASED, CEMENT FILLER SYSTEM

COMPANY : PT. SKK KAKEN INDONESIA

ADDRESS : BEKASI INTERNATIONAL INDUSTRIAL ESTATE, BLOCK C-4, KAV. 5-7, SUKARESMI CIKARANG SELATAN, BEKASI, 17530

TEL NO. : +621 8990 6608

EMERGENCY ASSISTANCE : AS MENTIONED ABOVE

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION

Eye Damage/Irritation	Category 1
Skin Irritation	Category 1B
Skin sensitization	Category 1
Respiratory sensitization	Category 1
Carcinogenicity	Category 1A

GHS LABEL ELEMENT



Signal Word Danger

Hazardous Information

- Harmful if swallowed
- Harmful in contact with skin
- Causes severe skin burns and eye damage
- Causes serious eye damage
- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- May cause an allergic reaction
- May cause cancer

Precautionary Statement

«Prevention»

- Obtain special instructions before use.
- DO NOT handle until all safety precautions have been read and understood.
- DO NOT breathe dusts.
- Avoid breathing dust/fume/gas/mist/vapors/sprays.
- Wash thoroughly after handling.
- DO NOT eat, drink or smoke when using this product.
- Wear protective gloves, protective clothing, eye protection, face protection.
- Remove contaminated clothing and wash before reuse.
- Use outdoors or in a well-ventilated area.
- In case of inadequate ventilation : Use respiratory protection.

«First Aid Measures»

- IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If ON SKIN : Wash with plenty of soap and water. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse.
- If Swallowed : Rinse mouth. Do not induce vomiting. Immediately call a poison center/ physician.
- If Inhaled : Remove person to fresh air and keep at rest in a position comfortable for breathing.
- If skin irritation occurs : Get medical advice/attention.
- If exposed or concerned : Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.
- Get medical advice/attention if you feel unwell.

«Storage»

- Store in a well ventilated place. Keep cool.
- Keep container tightly closed. Store locked up.

«Disposal»

- Dispose of contents and container to appropriate waste site in accordance with applicable local/regional/national/international regulation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance or mixture : Mixture

CHEMICAL NAME	CAS NO.	CONC.
Portland Cement	65997-15-1	40-50 %
Quartz	14808-60-7	40-50 %
Dolomite	16389-88-1	10-20 %

4. FIRST AID MEASURES

EYE CONTACT

Immediately rinse with clean water for at least 15 minutes. Get medical attention.

SKIN CONTACT

Immediately flush skin with plenty of soap and water. Remove all contaminated clothes and shoes. Wash contaminated clothing before reuse. Get medical attention.

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Call a physician.

INGESTION

Rinse mouth with plenty of water. Do not induce vomiting. Call a physician immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Dry chemical, foam or CO_2.

FIRE FIGHTING PROCEDURE : Use water spray to cool fire-exposed surfaces and to protect personnel. If a leak or spill has not ignited,use water spray to disperse the vapours. Avoid spraying water directly into storage containers. Closed containers may explode when exposed to extreme heat. Avoid spreading burning liquid with water, isolate liquid. Do not allow runoff from fire fighting to enter drains or watercourses. If possible, isolate product from heat, electrical equipments, sparks and open flames. Fire-fighters should use protective clothing, eyes protection, and self-contained breathing apparatus.

FIRE FIGHTING EQUIPMENT : Respiratory & eye protection required for fire–fighting personnel. Full protective equipment and self-contained breathing apparatus (SCBA) should be. Used for all indoor fires and any significant outdoor fires.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Avoid contact with spilled material. Warm or evacuate occupants in surrounding and downwind areas if required, due to toxicity or flammability of the material.

ENVIRONMENTAL PRECAUTIONS:

Prevents further leakage or spillage if safe to do so. Discharge into the environment must be avoided. Do not let product enter drains. Do not flush into surface water of sanitary sewer system. Collect contaminated fire extinguishing water separately, this must not discharged into drains.

CLEAN-UP-METHODS:

Transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safety.

7. HANDLING & STORAGE

HANDLING

Avoid breathing mist or vapors. Avoid contact with skin. Use non-sparkling tools and explosion proof equipment. Use only with adequate ventilation. Use proper bonding and/or earthing procedures. Prevent small spills and leakage to avoid slip hazard.

STORAGE

Keep containers tightly closed. Store in a cool, dry and well-ventilated place and accordance with local regulations. Keep away from incompatible materials (oxidizing agents, strong acids, bases and amines), ignition sources and do not smoke. Keep out of the reach of children. Protect containers against physical damage and check regularly for leaks.

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 approved respirators with organic vapor cartridges is recommended.

APPROPRIATE ENGINEERING CONTROL MEASURES

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure eyewash stations and safety showers are close to the workstation location.

PERSONAL PROTECTIVE EQUIPMENT

For respiratory organs	: Wear suitable breathing apparatus.
For eyes	: Wear chemical safety goggles with side shield is recommended.
For skin	: Wear protective gloves which do not absorb chemical and safety shoes when handling product. Long sleeved shirts and trousers are recommended when handling chemicals. Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSCIAL STATE, FORM	: Solid
COLOR	: Grey shade
ODOR	: No Odor

PH	: 12 – 14 (wet cement)
BOILING POINT/RANGE	: No Data Available
MELTING/FREEZING POINT	: No Data Available
FLASH POINT	: No Data Available
EVAPORATION RATE	: No Data Available
FLAMMABILITY	: No Data Available
FLAMMABILITY LIMIT	: No Data Available
VAPOUR PRESSURE	: No Data Available
VAPOUR DENSITY	: No Data Available
SPECIFIC GRAVITY	: No Data Available
SOLUBILITY	: Insoluble in water
VISCOSITY	: No Data Available
PARTITION COEFFICIENT	: No Data Available
AUTOIGINITION TEMP.	: No Data Available
DECOMPOSITION TEMP.	: No Data Available

10.STABILITY AND REACTIVITY

REACTIVITY

No dangerous reaction known under condition of normal use.

STABILITY

Stable under normal storage and handling conditions.

HAZARDOUS REACTIONS

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

CONDITIONS TO AVOID

Keep away from oxidizing agents, strong alkaline and strong acidic material to prevent exothermic reactions. Avoid heat, open flame and other ignition sources.

HAZARDOUS POLYMERSION

Carbon dioxide and carbon monoxide and non-combusted hydrocarbons (smoke) may be liberated when product is involved in fire.

11.TOXICOLOGICAL INFORMATION

Acute oral toxicity

Portland Cement (IDLH = 5000 mg/m^3)

Quartz

LD_{50} oral rat = 500 mg/kg

IARC Group = 1

NTP Status = 2

Acute dermal/skin toxicity

May caused severe skin irritation.

Acute inhalation toxicity

May caused irritating to eyes and respiratory tract if inhaled.

Skin corrosion or Irritation

May cause skin irritation.

Serious eye damage or Irritation

May be an eye irritant.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

No information available on the product.

Carcinogenicity

No information available on the product.

Reproductive toxicity

No information available on the product.

Specific Target Organ Toxicity (STOT)- Single Exposure

No information available on the product.

Specific Target Organ Toxicity (STOT)- Repeated Exposure

No information available on the product.

Asphyxiation hazard

No information available on the product.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself.

13. DISPOSAL INFORMATION

Recycle wherever possible. Consult manufacturer for recycling options.

Do not dispose into the environment, in drains or in water courses.

Method of waste disposal are incineration or biological treatment in state/federal approved facility and must be 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 ADR,RID

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated

Not classified as dangerous for land transport

RAIL TRANSPORT

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated

Not classified as dangerous for rail transport

SEA TRANSPORT IMDG

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated
MARINE POLLUTANT	NO

Not classified as dangerous for sea transport

AIR TRANSPORT ICAO/IATA

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated

Not classified as dangerous for air transport

15.REGULATORY INFORMATION

Follow all regulations in your country.

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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 whatsoever 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 used as a component in another product, this SDS information may not be applicable. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.