Product Name	**: SK EPO FILLER HARDENER PART A**
MSDS REF NO.	**: 1814**
ISSUE DATE	**: 05.11.2025**

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE

PRODUCT INFORMATION

TRADE NAME : SK EPO FILLER HARDENER PART A

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

Physical Hazard	Not classified
Health Hazard	Not classified
Environmental Hazard	Not classified

GHS LABEL ELEMENT

GHS Pictogram	None
Signal Word	None
Hazardous Information	None
Precautionary Statement	None
Response	None
Storage	None
Disposal	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any substances presenting to physical, health or environmental hazard.

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4. FIRST AID MEASURES

EYE CONTACT

Immediately flush eyes with plenty of running water for at least 15 minutes. Get medical attention.

SKIN CONTACT

Immediately flush skin with plenty of soap and water. Remove contaminated clothing. 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. Drink 1 or 2 glasses of water to dilute. Call a physician immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Dry Chemical, alcohol-resistant form, 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.

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS : Carbon dioxides, Carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS :

Avoid contact spilled material with eyes. Do not inhale vapours. Wear appropriate protective equipments, eg. Safety shoes, safety glasses and respirators.

ENVIRONMENTAL PRECAUTIONS :

Do not let spilled material enter drains. Do not flush into surface water of sanitary sewer system. Eliminate sources of ignition. Contain spilled material with sand or other non-combustible

absorbent materials. Inform authorities if spilled material has enter a watercourse or sewer or has contaminated soil or ground.

CLEAN-UP-METHODS :

Clean up all spills immediately. Absorb spill with absorbent and inert material, then place in container. Disposal in accordance to local / national regulations.

7. HANDLING & STORAGE

HANDLING

Avoid breathing gas / fumes / vapour. Avoid contact with skin and eyes. Take precautionary measures against static discharge. Use appropriate personal protective equipment. Keep out of reach of children. Handle containers with care. Open slowly in order to control possible pressure release. Protect from extreme of temperature.

STORAGE

Keep containers tightly closed. Containers that are opened should be properly released and kept upright to prevent leakage. Store in a cool, dry and well-ventilated place at temperature between 20 °C to 40 °C away from heat and sources of ignition.

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

FORM	: Liquid
ODOR	: Mild
PH	: 7 - 9

BOILING POINT/RANGE : No Data Available

MELTING/FREEZING POINT : No Data Available

FLASH POINT : Not Applicable

EVAPORATION RATE : No Data Available

FLAMMABILITY : Not Applicable

FLAMMABILITY LIMIT : No Data Available

VAPOUR PRESSURE : No Data Available

VAPOUR DENSITY : No Data Available

VISCOSITY : 800 – 2500 cPs/28 °C

SOLUBILITY : Yes

VOLUME SOLID : 50 ± 1.0 %

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, oxides of nitrogen and smoke may be produce when exposed to high temperature.

11.TOXICOLOGICAL INFORMATION

Acute oral toxicity

Harmful if swallowed.

Acute dermal/skin toxicity

May be harmful when in contact with skin.

Acute inhalation toxicity

May caused irritating to eyes and respiratory tract if inhaled. May also possible cause headaches and dizziness and other central nervous system effects.

Skin corrosion or Irritation

May cause skin irritation.

Serious eye damage or Irritation

May be an eye irritant.

Respiratory or skin sensitization

May be irritating to eyes and respiratory tract.

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

May be harmful if swallowed and enters airways.

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.

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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

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: 2014- Transport and storage of dangerous goods

SS-586: Part 2 :2014 – GHS of classification and labeling of chemicals

SS-586: Part 3: 2008(2014)- Preparation of safety data sheet

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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 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.