

Product Name : MIRAC #100 PRIMER BASE
MSDS REF NO. : 1431
ISSUE DATE : 16.04.2025

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE

PRODUCT INFORMATION

TRADE NAME : MIRAC #100 PRIMER BASE
PRODUCT DESCRIPTION : TWO-PACK HIGH BUILD EPOXY POLYAMIDE CURED PRIMER BASE
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 2
Aquatic Environmental Toxicity (Acute)	Category 2
Aquatic Environmental Toxicity (Chronic)	Category 3

GHS LABEL ELEMENT



Signal Word Warning

Hazardous Information

- Causes serious eye irritation
- Causes skin irritation
- Harmful by inhalation, in contact with skin
- Harmful to aquatic life
- Harmful to aquatic life with long lasting effects

Precautionary Statement

«Prevention»

- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash hands thoroughly after handling.
- Obtain instruction manuals before use.
- DO NOT handle until all safety precautions have been read and understood

Product Name : MIRAC #100 PRIMER BASE
MSDS REF NO. : 1431
ISSUE DATE : 16.04.2025

- DO NOT eat, drink or smoke when using this product.
- Avoid breathing dust/fume/gas/mist/vapours/spray
- Avoid release to the environment

«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 eye irritation persist : Get medical advice/attention.
- If exposed or concerned : Get medical advice/attention.
- Get medical advice/attention if you feel unwell.

«Storage»

- Store locked up.

«Disposal»

- Dispose of contents/container in accordance with applicable local/regional/national/international regulation.

3. Composition / Information on Ingridients

Substance or mixture Mixture

CHEMICAL NAME	CAS NO.	CONC.
Lime Stone	207-439-9	25-30 %
Epichlorohydrin-Bisphenol A	25068-38-6	15-20 %
Titanium Oxide	13463-67-7	15-20 %
Talc	238-877-9	5-10 %
Xylene, Mixed Isomer	1330-20-7	5-10 %
MIBK	108-10-1	1-5 %

4. First Aid Measures

EYE CONTACT

Contact lenses should be removed. Immediately flush eyes with plenty of running water for at least 15 minutes. Holding eyelids apart and get medical attention.

SKIN CONTACT

Immediately flush skin with plenty of soap and water. DO NOT use solvents or thinners. Remove contaminated clothing. Get medical attention.

Product Name	: MIRAC #100 PRIMER BASE
MSDS REF NO.	: 1431
ISSUE DATE	: 16.04.2025

INHALATION

If inhaled, remove to fresh air. Keep the patient warm and at rest. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Call a physician.

INGESTION

Keep at rest. DO NOT induce vomiting. Call a physician immediately.

5. Fire Fighting Measures

EXTINGUISHING MEDIA : Dry Chemical, alcohol-resistant form, CO2.

DO NOT use water jet.

FIRE FIGHTING PROCEDURE : Flammable liquid and vapors
Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when contaminated with water (CO2 evolved). Solvent vapours may be heavier than air. Stagnant air may cause vapors to build up and travel along the ground an ignition source which may result in a lash back to the source of the vapours. Fire-fighters should use protective clothing, eyes protection, and self-contained breathing apparatus. During a fire, irritating, highly toxic gases may be generated by thermal decomposition or combustion.

FIRE FIGHTING EQUIPMENT : Fire-fighters should use protective clothing, eyes protection, and self-contained breathing apparatus. 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, Nitrogen oxides

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary and unprotected personnel away.

ENVIRONMENTAL PRECAUTIONS:

Do not let this chemical enter the environment. If the product accidentally enters drains or sewers, the local Water Company should be contacted immediately, In case of contamination of streams, rivers or lakes, the relevant environment agency should be inform immediately.

CLEAN-UP-METHODS:

Collect leaking and spilled liquid in appropriate containers as much as possible. Use non-sparking tools and equipment. Absorb remaining liquid with inlet material (eg. dry sand, earth vermiculite, diatomaceous earth), and place in a chemical waste container for disposal in accordance with waste regulations. Do not flush to seawater, drains or watercourses.

Product Name	: MIRAC #100 PRIMER BASE
MSDS REF NO.	: 1431
ISSUE DATE	: 16.04.2025

7. Handling & Storage

HANDLING

Make area where the material is handled, KEEP OUT except a person concerned.

Handle the material at well-ventilated place and on the windward.

Seal a container of the material tightly whenever not in use.

Prohibit the use of fire, spark and matter with high temperature at surrounding area.

Wear working cloth and working shoes that have electric conductivity.

It is effective to let equipment contact ground and sprinkle water to floor in order to prevent static electricity.

Electric machinery shall be explosion-proof to prevent sparks.

Tools shall be spark-proof.

When handling, wear appropriate protective clothes to avoid inhalation and contact to skin, mucous membrane, clothe and eye.

Keep used cloth, waste of paint, spray dust, etc. to avoid evaporation and ignition, then dispose them.

As a handle of container should be used only for carrying by a hand, do not hang it up with rope.

STORAGE

Storage material strictly without fire and keep materials away from heat source.

Avoid direct sunlight and keep materials at a place above ground level, dry and well ventilated.

Use lighting and ventilation, which are explosion-proof.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS

Set up an air escape to avoid sojourn of vapour. Vapour sojourns at lower level, as it is heavier than air.

Equip an earth with machinery for transportation of liquid, dipping up, mixing, etc.

In case of indoor work, set up a facility which does not make worker directly exposed to vapour or which has a partial ventilation equipment to enable worker avoid exposure to vapour.

In case of confined area such as the inside of tank, set up an equipment, which ventilates the bottom area.

PERSONAL PROTECTIVE EQUIPMENTS

For respiratory organs : Wear self-contained breathing apparatus (SCBA).

For eyes : Wear chemical safety goggles.

For skin : Wear protective gloves which do not absorb chemical.

Product Name	: MIRAC #100 PRIMER BASE
MSDS REF NO.	: 1431
ISSUE DATE	: 16.04.2025

For protection clothing : Wear safety helmet, full protective clothing, safety boots.

9. Physical And Chemical Properties

PHYSICAL STATE, FORM : Liquid

APPEARANCE : White

ODOR : Solvent Odor

BOILING POINT : 137°C

MELTING POINT : -48°C

FLASH POINT : 27°C

AUTOIGNITION TEMP. : Not Available

FLAMMABLE LIMIT : Not Available

SPECIFIC GRAVITY : 1.30 ± 0.05

SOLUBILITY IN WATER : Insoluble

10. Stability And Reactivity

STABILITY

Stable under recommended normal storage and handling condition.

MATERIALS AND CONDITION TO AVOID

Moisture, reactive materials, heat, open flames, sparks and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS

Smoke / carbon dioxide / carbon monoxide / oxides of nitrogen.

HAZAROUS POLYMERIZATION

None

11. Toxicological Information

There is no data available on the product itself. Exposure to organic solvent vapours may result in adverse health effects, such as irritation of the mucous membrane and the respiratory system and adverse effect on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the product may lead to removal of natural fats from skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage. Ingestion may result in the following effects : sore throat, abdominal pain, drowsiness, nausea, vomiting and diarrhea. Other effects may be described for exposure to vapours.

Product Name	: MIRAC #100 PRIMER BASE
MSDS REF NO.	: 1431
ISSUE DATE	: 16.04.2025

12. Ecological Information

There is no data available on the product itself. The product should not be allowed to enter drains or watercourses or to be deposited where it can affect ground or surface waters.

13. Disposal Information

WASTE FROM RESIDUES

Whatever cannot be saved for recovery may be burned in an approved incinerator or disposed in approved waste facility. Ensure compliance with local, state and federal regulations.

CONTAMINATED PACKAGING

Empty the container completely before disposal.

14. Transport Information

LAND TRANSPORT ADR,RID

Class	3
Packaging Group	III
UN NO.	UN 1263
Shipping Name	Paint Related Material

SEA TRANSPORT IMDG

Class	3
Packaging Group	III
UN NO.	UN 1263
MARINE POLLUTANT	NO
Shipping Name	Paint Related Material

AIR TRANSPORT ICAO/IATA

Class	3
Packaging Group	III
UN NO.	UN 1263
Shipping Name	Paint Related Material

15. Regulatory Information

Follow all regulations in your country.

Product Name	: MIRAC #100 PRIMER BASE
MSDS REF NO.	: 1431
ISSUE DATE	: 16.04.2025

16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.