

MSDS

(Material Safety Data Sheet)

1. PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT NAME CLODI GEL POLISH 8g
 1) Code Name HB-05
 B. APPLICATION Gel Nail
 C. MANUFACTURES
 COMPANY IDENTIFICATION
 1) COMPANY NAME KM COMPANY
 2) Address 14-1, 89beon-gil Wonchang-ro Seo-gu Incheon,
 Korea
 3) Telephone +82-32-1661-7407
 4) Fax +82-32-549-8303

2. HAZARDS IDENTIFICATION

A. Skin corrosion / irritation Not applicable
 B. Severe eye damage Eye irritation: 2 (eye irritant)

3. COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name	Cas No.	%
Acrylates Copolymer	25035-88-5 26300-51-6 159666-35-0 25035-69-2 25212-88-8 25685-29-4	64.3633
Tricyclodecanedimethanol Diacrylate	42594-17-2	22.4975
Trimethylbenzoyl Ditolylphosphine Oxide	270586-78-2	5.6572
Silica Dimethyl Silylate	1158846-14-0 60842-32-2 6776 68611-44-9	2.6451
Silica	7631-86-9 60676-86-0 112945-52-5	1.9505
PPG-2 Methyl Ether	13429-07-7 34590-94-8	0.8850

Trimethylolpropane Trimethacrylate	3290-92-4	0.5565
CI 19140 (Tartrazine, FD&C Yellow #5)	12225-21-7 1934-21-0	0.3930
Isobornyl Methacrylate	7534-94-3	0.3802
Titanium Dioxide (CI 77891)	13463-67-7	0.2726
Tripropylene Glycol Diacrylate	42978-66-5	0.2645
Aluminum (CI 77000, Aluminum Powder)	7429-90-5	0.0909
CI 77499 (Iron Oxide Black, Ferrous-Ferric Oxide)	12227-89-3 1309-37-1 1317-61-9	0.0257
CI 15850 (Lithol Rubine B, D&C Red #6)	5858-81-1 17852-98-1	0.0126
CI 15850:1 (Lithol Rubine BCA, D&C Red #7)	5281-04-9	0.0054

4. FIRST AID MEASURES

- A. When you get into your eyes Wash eyes thoroughly with large amounts of water for at least 15 minutes.
Get medical attention immediately.
- B. Skin contact Wash contaminated clothing and shoes with soap and water for at least 15 minutes while removing.
If necessary, seek medical attention.
Thoroughly dry contaminated clothing and shoes before reuse.
- C. When inhaled If adverse effects occur, remove to uncontaminated area.
If not breathing, give artificial respiration.
Get medical attention immediately.
- D. When I EAT Aspiration hazard. Do not induce vomiting.
If vomiting occurs, keep your head lower than your hips to prevent aspiration from obstructing airway.
To do. Get medical attention immediately. If not breathing, give artificial respiration.
- E. Most important symptoms / effects of acute and delayed Respiratory tract irritation, skin irritation, aspiration hazard, central nervous system depression.
- F. First Aid and Physician Precautions In case of inhalation, consider oxygen supply.
In case of ingestion, consider gastric lavage.

5. EXPLOSION. FIRE FIGHTING MEASURES

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| A. Fire and Explosion Hazards | Minor fire hazard |
| B. Extinguishing Agent | Particulate powder Extinguishing media, carbon dioxide, radiant, general foam
Large fires: Use regular extinguishing agents or flood with fine water |
| C. Evolution | If it is not dangerous, remove containers from fire area.
Do not disturb the leak with a high pressure water stream.
Prepare fire fighting water for further processing.
Use fire extinguishing agents suitable for surrounding fire.
Do not breathe the harmful vapors.
Water or foam can cause bubbles
- Flash point : 150°C or higher
- Lower explosion limit : No data available.
- Ignition temperature : Not available.
- Autoignition temperature : Not available. |
| D. Hazardous combustion products | Avoid inhalation of the substance or combustion products. Hold the wind and avoid the support |

6. ACCIDENTAL RELEASE MEASURES

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| A. Measures and Protective Equipment to Protect the Human Body | Avoid heat, flames, sparks and other sources of ignition.
Stop leak if you can do it without risk.
Reduce vapors with water spray. |
| B. Measures to protect the environment | |
| 1) Leak in air | Use water spray to reduce the generation of vapors.
Keep winds and avoid lowlands. |
| 2) Soil runoff | Secure storage areas such as ponds, puddles or peaks for storage.
Build up a levee for future treatment.
Absorb with sand or other non-combustible material.
Collect in suitable containers using absorbent material. |

3) Underwater spill	Absorb with activated carbon. Collect spilled material with mechanical equipment. Collect the absorbent sheet or pads or cushions to prevent the spread of spills. Use detergents, soap alcohols or other surfactants. Use hoses to keep them confined. Keep away from water and sewer.
C. Purification or Removal Method	
1) Small spill	Absorb with sand or other non-combustible material. Collect in appropriate container for disposal of spilled material. Build up a levee for later disposal.
2) Large spill	Remove ignition sources. Keep out of the reach of children. Keep out of the reach of children. Notify the central government and municipalities of the emission for emissions above the reference level.

7. HANDLING AND STORAGE

- Keep container tightly closed. Avoid direct sunlight. Store in cool and dark place with good ventilation. (Dry and shady under 30 °C)
- When storing, keep the product in the container so that it does not come into contact with air and moisture.
- When using, wear protective goggles, protective masks, protective gloves, etc. Handle with care.
- Avoid contact with eyes or skin.
- Avoid contact with heat source, flame, static electricity and other ignition sources because of the risk of polymerization.
- If you need to use the product before using it, please use the warmer at 35~45 °C and do not apply the heat source directly.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

A. Exposure criteria	Not available.
B. Ventilation	According to the previous information, no additional ventilation is required. Ensure compliance with applicable local exhaust ventilation or exposure limits.
C. Eye Protection	Workers should wear splash goggles or splash goggles to prevent eye contact with this material. Use a product certified by Korea Occupational Safety and Health Agency.
D. Emergency Eye Wash	If there is a possibility of exposure of the workers' eyes to this material, the employer shall install a washing facility in the vicinity of the workplace for emergency purposes.
E. Protective clothing	Workers should avoid repeated or prolonged skin contact with this material. Appropriate (impermeable) protection and equipment must be worn Use a product certified by Korea Occupational Safety and Health Agency.
F. Protective gloves	Workers should wear appropriate protective gloves to avoid contact with this material. Use a product certified by Korea Occupational Safety and Health Agency. PVC absorbs ACRYLATE, so PVC gloves are prohibited.
G. Respiratory protection	The following respirators conform to the information in the physical data, toxicity and health effects areas In order to provide maximum protection from minimum protection as recommended. Specific respiratory protection should be based on the concentration of contaminants in the workplace, Do not exceed the working limits of the respirator. Use a product certified by Korea Occupational Safety and Health Agency.

9. Physical and chemical properties

A. Appearance	Viscous liquid
B. Odor	Ester-like
C. Boiling point	Not applicable.
D. Flash point	150°C or higher
E. Melting Point	Not applicable.
F. Vapor pressure	Less than 1 mmHg (20°C)
G. Vapor density	Not applicable.
H. Specific gravity (water=1)	0.90 to 1.22
I. Solubility (water)	Insoluble
J. Evaporation rate	Not applicable.
K. Period of Use	3 years from the date of manufacture. 24 months from opening date.

10. Safety and Reactivity

A. Reactivity	Emits heat to polymerize. Avoid contact with light.
B. Conditions to Avoid	Heat. flame. Avoid sparks and other sources of ignition. Hazardous gases may accumulate in confined spaces. Contact with combustible material may ignite or explode. Avoid ultraviolet rays. A stabilizer was added to the product to prevent polymerization.
C. Mixed Prohibited Substances	Contact with initiators, peroxides, strong alkalis or reactive metals that form radicals to avoid exothermic polymerization should be avoided.
D. Polymerization	Polymerized to release heat and gas. Contact with air, light, water, and materials to avoid. May polymerize. Avoid direct sunlight and store in cool and dark place with good ventilation below 30 °C. If the product should be warmed up when using the product, make it possible to warm it at 40 °C or below by using 40 °C warming oven.

11. TOXICOLOGICAL INFORMATION

- There has not yet been a sufficient review of toxicity.
- May cause eye irritation.

A. Carcinogenicity	None
B. Acute toxicity level	Ingestion
C. Moderate toxicity	Ingestion
D. Target organ	Immune system (sensitizer)

12. ENVIRONMENTAL IMPACT

- It is 100% reactive material so there is no evaporation or air pollution that can occur during operation under normal conditions.

A. Environmental Impact Index(0-4)	Not available.
B. Acute aquatic toxicity	Not available.
C. Decomposition property	Not available.
D. Log Biological Scale (BCF)	Not available.
E. Log octanol / water partition coefficient	Not available.

13. DISPOSAL CONSIDERATIONS

- Dispose of it according to the management regulations when disposing.
- Dispose of the container and its residue without authorization.

A. Product Waste Handling Code	55903 (Condition:D)
B. Waste Handling Code	165070 (Condition:CH)
C. Hazardous waste disposal	According to local regulations.

14. TRANSPORT INFORMATION

- Roads, railways, ships and aircraft.
- ADR/RID : Not regulated.
- IMDG : Not regulated.
- IATA : Not regulated.

15. REGULATORY INFORMATION

A. KOREA

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|---|----------------------|
| 1) Industrial Safety and Health Law | Not regulated. |
| 2) Harmful Chemical Substance Control Act | Not regulated. |
| 3) Dangerous Goods Safety Management Act | Class 4, 3 Petroleum |

16. Other notes

A. Source of data

- Standards for the preparation and provision of material safety data
- Material safety data preparation practice
- MSDSs received from raw materials suppliers

B. Date of initial preparation 2026.08.10

C. Number of revisions and date of final revision 0

- ◆ Some information and conclusions here are based on data provided by Korea Occupational Safety & Health Agency and materials from reliable raw materials suppliers. This MSDS applies only to this product. If this product is used in another product in one composition, this MSDS may not be applicable.
- ◆ This material may be changed by new information and testing at a later date.
- ◆ Please contact us if you have any questions.