

SAFETY DATA SHEET

1. Product and Company Identification

Name product : Magnetic Gelpolish Base & Top Coat

Productcode : 103000

Product use : to make artificial nails

Information supplier : Magnetic Nail Design

Stemerdingweg 3

3769 CE Soesterberg

Netherlands

Tel. 0031 346350525

Fax. 0031 346350453

Internet site: www.magneticnaildesign.com

2. Hazards Identification

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

3. Hazardous Ingredients

Chemical specification:

Chemical identity	CAS-nr.	%	Class	Hazards
Di-Hema trimethylhexyl dicarbamate	Not establised	50-60%	Xi	R36/37/38
HEMA	868-77-9	15-20%	Xi	R36/38, R43
Hydroxypropyl methacrylate	27813-02-1	15-20%	Xi	R36/37/38, R43

4. First Aid Measures

First aid for inhalation: In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

First aid for skin: Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

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First aid for eye: Flush with plenty of water for 15 minutes and retract eyelids often. Seek medical attention immediately.

First aid for ingestion: Do not induce vomiting. Wash out mouth with water. If appreciable quantities are swallowed, seek medical attention.

5. Fire Fighting Measures

Extinguishing media: Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

Fire fighting instructions: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual hazards: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

6. Accidental Release Measures

Spill or Release Procedures: Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Dike and recover large spills. Soak up small spills with inert solids (such as vermiculite, clay) and sweep/ shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean up. Do not flush to sewer. Please prevent washings from entering waterways.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

Storage: product is extremely light sensitive. If exposed to natural light or UV light, material will cure very quickly. Store in cool, dry place, away from heat and all types of light. Store at temperatures below 38 degrees Celsius but above the product's freezing point. If no freezing point is given, keep above 0 degrees Celsius at all times.

Explosion hazard: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.

8. Exposure Controls/ Personal Protective Equipment

General: Provide eye wash stations and safety showers.

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Wear impervious clothing to prevent any contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/ face protection: wear chemical splash goggles.

Skin protection: wear impervious gloves (neoprene)

Respiratory protection: An approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapour dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in European Standard EN 149.

9. Physical and Chemical Properties

Appearance: viscous liquid

Colour: clear to slight violet

Odor: characteristic acrylate odor

PH: not applicable

Specific gravity: 1.15 (H₂O=1)

Viscosity: no data available

% Volatile: by volume < 0,5

Boiling Point/ Freezing Point: not applicable

Decomposition Temperature: not available

Octanol/ Water Partitioning Coefficient: not available

Vapor pressure: mm Hg @ 20 C : <0.01

Vapor density: no data

Evaporation Rate: no data

Ignition: no data

Solubility in water: insoluble

Flashpoint 100 deg C Setaflash

Flammable limit (vol%) no data

Auto-ignition temperature (vol%) no data

10. Stability and Reactivity

Stability: Normally stable.

Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

Conditions to avoid: Storage >38 deg C, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Incompatibility (Materials to avoid): Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.

Hazardous Polymerization: may occur – Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

11. Toxicological Information

acute oral toxicity: no data available
acute dermal toxicity: no data available
acute inhalation toxicity: no data available
irritation skin: no data available
irritation eye: no data available
sensitization: no data available
mutagenicity: no data available
sub-chronic toxicity: no data available

12. Ecological Information

Ecotoxicological Information
Acute toxicity to fish: no data available
Acute toxicity to invertebrates: no data available
Acute toxicity to algae: no data available
Bioconcentration: no data available
Toxicity to sewage bacteria: no data available

Chemical Fate Information
Biodegradability: no data available
Chemical oxygen demand: no data available

13. Disposal Considerations

Non-contaminated, properly inhibited product is not hazardous waste. It is the generator's responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations. Dispose of diking materials and absorbent in compliance with state, local and federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near container. Mix with compatible chemical which is less flammable and incinerate.

14. Transport Information

DOT/UN Shipping Name: non-regulated material
Class or Division: N/A

15. Regulatory Information

GHS 07 Exclamation mark
H319 Causes serious eye irritation
H315 Causes skin irritation
H317 May cause an allergic skin reaction
Wear protective gloves. Wear eye protection. Avoid breathing vapor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

16. Other Information

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Name: M.Jansen

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