

# SAFETY DATA SHEET

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200), GHS, and EU CLP Regulation (EC) No. 1272/2008.

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifiers:

Product Name: MakarttPro Gel Polish

Product Code: MPRO027, MPRO030, MPRO028, MPRO029, MPRO034-MPRO043

Recommended Use of the substance or mixture and Restrictions on Use  
Professional Use Only

Details of the Supplier of the Safety Data Sheet

Supplier Address

2001 N Lamar St, Suite 240

Dallas, TX 75202

Phone: +1 (855) 981-9198

Website: [www.makarttpro.com](http://www.makarttpro.com)

Emergency Telephone Numbers

Emergency Telephone: CHEMTREC: 1-800-424-9300 (Outside U.S. 1-703-527-3887)

## 2. HAZARDS IDENTIFICATION

Classification of the substance or mixtures

Hazard Class – Physical, Health, Environmental

**Flammable Liquid** | Category 3

**Skin Irritation** | Category 2

**Eye Irritation** | Category 2A

**Skin Sensitizer (Allergen)** | Category 1

**Carcinogenicity** (due to diaryl ketone photoinitiator class) | Category 2

### Label Elements -

Pictograms, Signal Word, Hazard Statements, Precautionary Statements, & Supplemental Information



### Signal Word

Warning

|                                                                                                                                                                                              |                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard Statements (H-Statements)<br>H226 – Flammable liquid and vapor<br>H315 – Causes skin irritation<br>H317 – May cause an allergic skin reaction<br>H319 – Causes serious eye irritation | Precautionary Statements – Prevention (P-Statements)<br>P201 – Obtain special instructions before use<br>P202 – Do not handle until all safety precautions have been read and understood |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H351 – Suspected of causing cancer | P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking<br>P233 – Keep container tightly closed<br>P240 – Ground/bond container and receiving equipment<br>P241 – Use explosion-proof electrical/ventilating/lighting equipment<br>P242 – Use only non-sparking tools<br>P243 – Take precautionary measures against static discharge<br>P261 – Avoid breathing dust/fume/mist/vapors/spray<br>P264 – Wash hands and exposed skin thoroughly after handling<br>P272 – Contaminated work clothing should not be allowed out of the workplace<br>P280 – Wear protective gloves, protective clothing, eye protection, and face protection<br>P302 + P352 – IF ON SKIN: Wash with plenty of water<br>P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention<br>P362 + P364 – Take off contaminated clothing and wash before reuse<br>P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing<br>P337 + P313 – If eye irritation persists: Get medical advice/attention<br>P370 + P378 – In case of fire: Use dry chemical, CO <sub>2</sub> , foam to extinguish<br>P403 + P235 – Store in a well-ventilated place. Keep cool<br>P405 – Store locked up<br>P501 – Dispose of contents/container in accordance with local/regional/national regulations |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Components               | CAS No.    | Weight | Classification                             |
|------------------------------------|------------|--------|--------------------------------------------|
| DI-HEMA TRIMETHYLHEXYL DICARBAMATE | 72869-86-4 | 55%    | Skin Sens. 1                               |
| HEMA                               | 868-77-9   | 17.7%  | Skin Irrit. 2, Eye Irrit. 2A, Skin Sens. 1 |
| HYDROXYPROPYL METHACRYLATE         | 27813-02-1 | 15%    | Skin Irrit. 2, Eye Irrit. 2A, Skin Sens. 1 |
| HYDROXYCYCLOHEXYL PHENYL KETONE    | 947-19-3   | 3%     | Carcinogenicity 2                          |

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|          |             |      |                                          |
|----------|-------------|------|------------------------------------------|
| TPO      | 75980-60-8  | <1%  | Repr. 2; Skin Sens. 1; Aquatic Chronic 2 |
| SILICA   | 112945-52-5 | 3%   |                                          |
| CI 77891 | 13463-67-7  | 5%   |                                          |
| CI 15850 | 5858-81-1   | 0.4% |                                          |
| CI 77491 | 1309-37-1   | 0.4% |                                          |
| CI 15985 | 2783-94-0   | 0.1% |                                          |
| CI 77492 | 20344-49-4  | 0.1% |                                          |
| CI 77007 | 1317-97-1   | 0.1% |                                          |
| CI 77742 | 10101-66-3  | 0.1% |                                          |
| CI 77499 | 1309-37-1   | 0.1% |                                          |

\*Component names may have been omitted to protect confidential business information (CBI) in compliance with OSHA GHS HCS §1910.1200

Appendix E. A full disclosure safety data sheet can be supplied in emergency and non-emergency situations upon written request.

#### 4. FIRST AID MEASURES

**Inhalation:**

Move to fresh air. Seek medical attention if symptoms persist.

**Skin Contact:**

Wash immediately with soap and water.

If rash or irritation develops, seek medical advice.

Uncured gel may cause allergic reactions.

**Eye Contact:**

Rinse cautiously with water for at least 15 minutes.

Remove contact lenses if possible.

**Ingestion:**

Rinse mouth. Do **not** induce vomiting.

Seek medical attention immediately.

**Most Important Symptoms:**

- Skin irritation
- Eye irritation
- Allergic dermatitis
- Burning sensation

#### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

Dry chemical, CO<sub>2</sub>, foam.

**Unsuitable:**

Water jet.

**Hazards from Combustion:**

Carbon monoxide, carbon dioxide, acrid smoke, unreacted monomers.

**Protective Equipment:**

Firefighters should wear full protective gear and SCBA.

#### 6. ACCIDENTAL RELEASE MEASURES

- Evacuate area
- Remove ignition sources
- Wear gloves & eye protection
- Contain spill with inert absorbent

- Avoid discharge to drains
- Dispose according to local regulations

**7. HANDLING AND STORAGE****Handling:**

- Keep away from heat and flame
- Avoid skin contact
- Do not smoke while using
- Use only in areas with adequate ventilation
- Avoid breathing vapors

**Storage:**

- Store cool and dry ( $\leq 25^{\circ}\text{C}$ )
- Keep containers tightly closed
- Protect from sunlight
- Store away from oxidizers
- Store locked up

**8. EXPOSURE CONTROL AND PERSONAL PROTECTION****Engineering Controls:**

Local exhaust ventilation recommended.

**Personal Protective Equipment:**

- Skin: Nitrile gloves
- Eyes: Safety glasses
- Respiratory: Not normally required; use mask if ventilation is poor
- Hygiene: Wash hands after use

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Viscous colored liquid

Odor: Acrylate odor

Flash Point:  $\sim 50\text{--}65^{\circ}\text{C}$

Boiling Point: Not available

Solubility: Insoluble in water

Vapor Pressure: Low

Viscosity: High

Density: 1.0–1.2 g/mL

**10. STABILITY AND REACTIVITY**

Stable under normal conditions.

**Avoid:**

Heat, flames, UV light, free radicals, peroxides.

**Hazardous Polymerization:**

May occur if exposed to UV or heat.

**Decomposition Products:**

$\text{CO}_2$ , CO, irritant fumes.

**11. TOXICOLOGY INFORMATION**

Likely Routes: Skin contact, eye contact.

**Effects:**

- Skin irritation
- Eye irritation
- Sensitization (allergic reaction)
- Carcinogenicity (Category 2 – suspected)

**Chronic Exposure:**

Repeated skin exposure may cause long-term allergy (sensitization).

## 12. ECOLOGY INFORMATION

- Not expected to be acutely toxic
- Uncured gel is harmful to aquatic life
- Do not allow into drains
- Polymerized (cured) product is inert

## 13. DISPOSAL CONSIDERATIONS

Uncured product must be treated as hazardous waste.  
Fully cured gel is non-hazardous.  
Follow local regulations.

## 14. TRANSPORT INFORMATION

**UN Number:** Not regulated as a dangerous good under small container exemption.

**Proper Shipping Name:** Not regulated

**Hazard Class:** Not applicable

**Packing Group:** Not applicable

Gel polish is often exempt under “Limited Quantity” provisions.

## 15. REGULATORY INFORMATION

OSHA Hazard Communication Standard (HCS 29 CFR 1910.1200) — *Hazardous*

GHS — *Classified*

EU CLP Regulation (EC) No 1272/2008 — *Classified*

TSCA — Some monomers are listed

California Proposition 65 — Photoinitiators may contain listed substances

## 16. OTHER INFORMATION

Prepared by: MakarttPro Regulatory Team

Revision Date: 2025-10-1

Version: 4.0

Disclaimer:

This SDS is prepared based on the best available information and is intended to guide safe handling and use.  
It does not guarantee product properties.