SAFETY DATA SHEET

Diamond Top Coat – Gel Polish

Prepared in accordance with US OSHA HazCom 2012 (29 CFR 1910.1200) and EU Regulation (EC) No 1907/2006 (REACH) Annex II as amended by (EU) 2020/878

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Product name	Diamond Top Coat
Product type	UV/LED-curable gel nail polish top coat
Product code (SKU)	TC-001
Net content	10 mL (0.34 fl oz)

1.2 Relevant Identified Uses and Uses Advised Against

Identified use: Cosmetic product. Professional and consumer application as a top coat over UV/LED gel nail polish. Cured under a 36 W or higher UV/LED lamp.

Uses advised against: Any use not specified above, including use on skin, lips, eyes, or other body areas; use by individuals under 16 years of age without adult supervision; use during pregnancy or while breastfeeding (see Sections 2 and 11).

1.3 Details of the Supplier of the Safety Data Sheet

Company name	ELEGELLI
Legal form	Société par Actions Simplifiée (SAS)
Share capital	€1,000
Registered office	66 Avenue des Champs-Élysées, 75008 Paris, France
RCS	105 084 735 R.C.S. Paris
SIREN	105 084 735
SIRET	105 084 735 00015
Telephone	+33 7 45 23 02 24
E-mail	contact@elegelli.com
Website	www.elegelli.com

1.4 Emergency Telephone Number

United States – Poison Control (24 h): 1-800-222-1222

European Union – generic emergency: 112

National poison information centres (selection):

- France – ORFILA: +33 (0)1 45 42 59 59
- Germany – Giftnotruf Berlin: +49 (0)30 19240
- United Kingdom – NHS 111 (poison advice): 111
- Italy – CAV Milano: +39 02 6610 1029
- Spain – Servicio de Información Toxicológica: +34 91 562 04 20

Section 2 – Hazards Identification

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 (CLP) and 29 CFR 1910.1200 (OSHA HCS):

- Acute Toxicity, Category 4 (oral) – H302 (Harmful if swallowed.)
- Skin Irritation, Category 2 – H315 (Causes skin irritation.)
- Eye Irritation, Category 2 – H319 (Causes serious eye irritation.)
- Skin Sensitization, Category 1 – H317 (May cause an allergic skin reaction.)
- Specific Target Organ Toxicity – Single Exposure, Category 3 – H335 (May cause respiratory irritation.)
- Hazardous to the Aquatic Environment – Chronic, Category 3 – H412 (Harmful to aquatic life with long lasting effects.)

2.2 Label Elements

Hazard pictogram (CLP / GHS):

GHS07
Exclamation mark

Signal word: WARNING

Hazard statements:

- H302 – Harmful if swallowed.
- H315 – Causes skin irritation.
- H317 – May cause an allergic skin reaction.
- H319 – Causes serious eye irritation.
- H335 – May cause respiratory irritation.
- H412 – Harmful to aquatic life with long lasting effects.

Precautionary statements (Prevention):

- P201 – Obtain special instructions before use.
- P202 – Do not handle until all safety precautions have been read and understood.
- P261 – Avoid breathing dust/fume/vapours/spray.
- P264 – Wash hands thoroughly after handling.

- P272 – Contaminated work clothing should not be allowed out of the workplace.
- P273 – Avoid release to the environment.
- P280 – Wear protective gloves, protective clothing, eye protection, and face protection.

Precautionary statements (Response):

- P302+P352 – IF ON SKIN: Wash with plenty of water and soap.
- P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313 – IF exposed or concerned: Get medical advice/attention.
- P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 – If eye irritation persists: Get medical advice/attention.
- P362+P364 – Take off contaminated clothing and wash it before reuse.

Precautionary statements (Storage / Disposal):

- P405 – Store locked up.
- P501 – Dispose of contents/container in accordance with local, regional, national and international regulations.

2.3 Other Hazards

The mixture does not meet the criteria for PBT (Persistent, Bioaccumulative, Toxic) or vPvB (very Persistent, very Bioaccumulative) substances in accordance with REACH Annex XIII.

This product does not contain substances identified as endocrine disruptors at concentrations ≥ 0.1 % w/w.

Uncured monomers (acrylates) are known skin sensitizers. Once fully cured under a UV/LED lamp in accordance with the labelled instructions, residual sensitizing potential is significantly reduced but not eliminated; allergic contact dermatitis has been reported in both consumers and professionals.

This product does not contain HEMA (2-hydroxyethyl methacrylate, CAS 868-77-9), Di-HEMA Trimethylhexyl Dicarbamate, or TPO (Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide, CAS 75980-60-8). It does contain TPO-L (Ethyl Phenyl(2,4,6-trimethylbenzoyl)phosphinate, CAS 84434-11-7), which is a structurally related but legally distinct substance. The REACH registrant classifies TPO-L as Skin Sens. 1 (H317) and Aquatic Chronic 2 (H411) only; it does not carry a harmonised CMR classification under Annex VI of CLP.

Section 3 – Composition / Information on Ingredients

3.2 Mixture

Description: Acrylic/methacrylic UV-curable resin mixture for cosmetic nail use. Full hazard statement text for the H-codes listed below is given in Section 16.

Chemical Name (INCI)	CAS No.	EC No.	% w/w	GHS Classification (CLP)
Acrylates Copolymer	Polymer	—	60 – 75	Not classified as hazardous
Hydroxybutyl Acrylate	2478-10-6	219-639-9	10 – 20	Acute Tox. 4 (H302); Skin Irrit. 2 (H315); Eye Irrit. 2 (H319); Skin Sens. 1 (H317); STOT SE 3 (H335)

Chemical Name (INCI)	CAS No.	EC No.	% w/w	GHS Classification (CLP)
1,6-Hexanediol Diacrylate (HDDA)	13048-33-4	235-921-9	5 – 15	Acute Tox. 4 (H312); Skin Irrit. 2 (H315); Eye Irrit. 2 (H319); Skin Sens. 1 (H317); STOT SE 3 (H335); Aquatic Chronic 2 (H411)
Ethyl Phenyl(2,4,6-trimethyl benzoyl)phosphinate (TPO-L)	84434-11-7	282-810-6	1 – 3	Skin Sens. 1 (H317); Aquatic Chronic 2 (H411).

Concentration ranges are given in compliance with REACH Annex II Section 3 and are protected as confidential business information. Exact concentrations are available to authorised competent authorities and health professionals on request.

Section 4 – First-Aid Measures

4.1 Description of First-Aid Measures

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention if irritation persists.

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water for at least 15 minutes. Do not use solvents to remove product. If skin irritation, rash, or sensitization occurs, obtain medical attention. Wash contaminated clothing before reuse.

Eye contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do, after the first 5 minutes, then continue rinsing. Obtain medical attention promptly.

Ingestion: Rinse mouth with water. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention immediately. Show this Safety Data Sheet to the medical professional.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

Acute: Redness, itching, burning of skin or eyes; respiratory irritation if vapours or grinding dust are inhaled.

Delayed: Allergic contact dermatitis (sometimes appearing days or weeks after first or repeated exposure), onycholysis, paronychia.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. No specific antidote known. In the event of suspected allergic reaction, perform patch testing with the relevant acrylate monomers.

Section 5 – Fire-Fighting Measures

5.1 Extinguishing Media

Suitable: Carbon dioxide (CO_2), dry chemical powder, alcohol-resistant foam, water spray (fog).

Unsuitable: Full water jet (may spread the fire).

5.2 Special Hazards Arising from the Substance or Mixture

Combustible liquid. Combustion may produce carbon oxides (CO, CO_2), nitrogen oxides (NOx), phosphorus oxides, and other irritating or toxic decomposition products.

5.3 Advice for Firefighters

Wear self-contained breathing apparatus (SCBA) and full protective gear. Cool exposed containers with water spray. Contain fire-fighting water for later disposal; do not allow runoff to enter sewers or watercourses.

Section 6 – Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate non-essential personnel. Ensure adequate ventilation. Avoid contact with skin and eyes. Wear protective equipment as described in Section 8. Eliminate all sources of ignition.

6.2 Environmental Precautions

Prevent product from entering drains, watercourses, or soil. If significant quantities reach the environment, notify the appropriate local authorities.

6.3 Methods and Material for Containment and Cleaning Up

Absorb spilled material with inert absorbent (sand, vermiculite, diatomaceous earth). Collect into a closed, labelled container for disposal in accordance with Section 13. Clean the contaminated area with detergent and water.

6.4 Reference to Other Sections

See Section 8 for personal protection and Section 13 for disposal.

Section 7 – Handling and Storage

7.1 Precautions for Safe Handling

- Use only in well-ventilated areas. For professional / salon use, install local exhaust ventilation at the work station.
- Avoid contact with skin, eyes, and clothing. Wear nitrile gloves and protective eyewear as specified in Section 8.
- Do not eat, drink, or smoke when handling the product. Wash hands after use.
- Keep away from open flames, sparks, hot surfaces, and direct sunlight.
- Cure each layer fully under a UV/LED lamp (do not interrupt curing within the first 30 seconds, as indicated on the product label).

7.2 Conditions for Safe Storage, Including Any Incompatibilities

- Store in tightly closed original container at 5 – 25 °C.
- Protect from direct sunlight and UV radiation to prevent premature polymerisation.
- Keep away from oxidising agents, peroxides, polymerisation initiators, and strong acids/bases.
- Store locked up. Keep out of reach of children.

7.3 Specific End Use(s)

Cosmetic product for finger- and toe-nail application, cured by UV/LED lamp. See product label for application instructions.

Section 8 – Exposure Controls / Personal Protection

8.1 Control Parameters

Occupational Exposure Limits: No specific OELs have been established for the listed substances under EU Directive 2019/130 or US OSHA PELs. DNELs/PNECs are not available for all components; apply the precautionary principle and minimise exposure.

8.2 Exposure Controls

Engineering controls: Provide local exhaust ventilation at the manicure table. Maintain general room ventilation to keep airborne concentrations below any applicable exposure limit and as low as reasonably achievable.

Eye/face protection: Safety glasses with side shields (EN 166 / ANSI Z87.1).

Skin protection (hands): Chemical-resistant nitrile gloves (EN ISO 374-1 / ASTM D6978). Minimum thickness 0.11 mm; breakthrough time ≥ 30 min. Replace gloves immediately if contamination is suspected.

Body protection: Long-sleeved smock or apron.

Respiratory protection: Not normally required for cosmetic use under proper ventilation. If exposure limits are exceeded, wear a NIOSH/EN 149 FFP2 filtering facepiece or higher.

Hygiene measures: Wash hands and exposed skin after handling. Do not eat, drink, or smoke at the workstation.

Environmental exposure controls: Do not allow uncured product to enter drains or the environment.

Section 9 – Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical state	Viscous liquid
Colour	Clear / slightly yellow
Odour	Mild acrylate odour
Odour threshold	Not determined
pH	Not applicable (non-aqueous)
Melting / freezing point	Not determined
Initial boiling point / range	> 100 °C (estimated)
Flash point	> 100 °C (closed cup, estimated)
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable
Upper / lower flammability limits	Not determined

Vapour pressure (20 °C)	< 0.1 hPa (estimated)
Vapour density	Not determined
Relative density (20 °C)	1.05 – 1.15 g/cm^3
Solubility in water	Insoluble; polymerises on UV exposure
Partition coefficient (log Pow)	Not determined for mixture
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity (25 °C)	1 000 – 5 000 mPa·s
Explosive properties	Not explosive
Oxidising properties	Not oxidising

9.2 Other Information

VOC content: < 1 % (estimated). Cures to a hard, glossy film when irradiated with UV-A or 365–405 nm LED light.

Section 10 – Stability and Reactivity

10.1 Reactivity

Polymerisable mixture. Exposure to UV or visible light initiates rapid free-radical polymerisation.

10.2 Chemical Stability

Stable under recommended storage conditions, protected from light.

10.3 Possibility of Hazardous Reactions

Exothermic polymerisation may occur if the product is contaminated with strong oxidisers, peroxides, or radical initiators, or if exposed to sunlight.

10.4 Conditions to Avoid

Direct sunlight, UV radiation, excessive heat (> 40 °C), open flames, ignition sources.

10.5 Incompatible Materials

Strong oxidising agents, peroxides, free-radical initiators, strong acids and bases.

10.6 Hazardous Decomposition Products

Combustion releases carbon monoxide, carbon dioxide, nitrogen oxides, phosphorus oxides, and irritating organic vapours.

Section 11 – Toxicological Information

11.1 Information on Hazard Classes as Defined in Regulation (EC) No 1272/2008

Acute toxicity: Mixture classified as Acute Tox. 4 (oral) on the basis of Hydroxybutyl Acrylate content. Estimated ATE (oral) ≈ 1 500 mg/kg bw. Hydroxybutyl Acrylate LD50 (oral, rat) = 1 040 mg/kg; HDDA LD50 (dermal, rabbit) ≈ 2 800 mg/kg.

Skin corrosion / irritation: Causes skin irritation (H315). Acrylate monomers cause erythema and oedema in standardised animal studies.

Serious eye damage / irritation: Causes serious eye irritation (H319).

Respiratory or skin sensitisation: May cause an allergic skin reaction (H317). Hydroxybutyl Acrylate and HDDA are well-documented contact sensitizers (Skin Sens. 1). Cross-reactivity with other (meth)acrylates is common; allergy can develop after months or years of repeated exposure to uncured product.

Germ cell mutagenicity: Available data do not meet the criteria for classification.

Carcinogenicity: Not classified. No component is listed as a carcinogen by IARC, NTP, OSHA, or under CLP Annex VI as a carcinogen.

Reproductive toxicity: Not classified. No component of this product carries a harmonised CMR classification under Annex VI Part 3 of Regulation (EC) No 1272/2008. As a precaution, the product is not recommended for use by pregnant or breastfeeding women.

STOT — Single exposure: May cause respiratory irritation (H335).

STOT — Repeated exposure: No data indicating classification for the mixture.

Aspiration hazard: Not classified.

11.2 Information on Other Hazards

Endocrine-disrupting properties: No ingredient is listed on the EU candidate list of endocrine disruptors at concentrations triggering classification.

Section 12 – Ecological Information

12.1 Toxicity

HDDA – LC50 (Daphnia magna, 48 h) ≈ 4 mg/L; LC50 (fish, 96 h) ≈ 5 mg/L. Classified Aquatic Chronic 2 (H411).

TPO-L – Aquatic Chronic 2 (H411) per REACH registrant classification.

Mixture classification: Aquatic Chronic 3 (H412) using the additivity method per CLP Annex I.

12.2 Persistence and Degradability

Cured polymer film is essentially non-biodegradable. Uncured monomers exhibit limited biodegradability under standard OECD tests.

12.3 Bioaccumulative Potential

Low bioaccumulation potential is expected for the polymerised film. Monomers have moderate log Pow values (HDDA ≈ 2.8).

12.4 Mobility in Soil

Low mobility; the uncured mixture is hydrophobic and viscous.

12.5 Results of PBT and vPvB Assessment

This mixture does not meet PBT or vPvB criteria under REACH Annex XIII.

12.6 Endocrine Disrupting Properties

No ingredient is classified as an endocrine disruptor for the environment.

12.7 Other Adverse Effects

Do not release uncured product to the environment.

Section 13 – Disposal Considerations

13.1 Waste Treatment Methods

Cured residues: Once polymerised under a UV/LED lamp, residues are inert plastic and may be disposed of as ordinary solid waste in accordance with local regulations.

Uncured product and empty containers with residue: Dispose of as hazardous waste.

Suggested European Waste Catalogue (EWC) codes:

- 07 02 99 – wastes not otherwise specified (polymer/cosmetic residues)
- 15 01 10* – packaging containing residues of or contaminated by hazardous substances
- 20 01 27* – paint, inks, adhesives and resins containing hazardous substances (consumer disposal route)

United States: Determine whether spent or unused product meets the definition of hazardous waste under 40 CFR 261. The product is not specifically listed; characteristic hazardous waste determination is the user's responsibility.

Do not pour into drains, watercourses, or soil.

Section 14 – Transport Information

In the supplied retail container size (10 mL) and in the cured polymer form, the product is NOT classified as dangerous goods under the following transport regulations:

- UN ADR / RID / ADN (road, rail, inland waterways)
- IMDG Code (sea)
- IATA DGR / ICAO TI (air)
- US DOT 49 CFR (Hazardous Materials Regulations)

14.1 UN number	None — not regulated
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not classified as marine pollutant in retail size
14.6 Special precautions for user	None beyond normal handling of cosmetic products
14.7 Maritime transport in bulk	Not applicable (not transported in bulk)

Section 15 – Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

European Union: This product is a cosmetic placed on the market in accordance with Regulation (EC) No 1223/2009 on cosmetic products. A Cosmetic Product Safety Report (CPSR) has been compiled in accordance with Annex I, and the product is notified through the Cosmetic Products Notification Portal (CPN). It also falls under Regulation (EC) No 1907/2006 (REACH), Regulation (EC) No 1272/2008 (CLP) and, where applicable, Regulation (EU) 2017/852 (POPs). It does not contain Substances of Very High Concern (SVHC) above 0.1 % w/w as listed on the current REACH candidate list. It complies with Regulation (EU) 2024/996 prohibiting Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (TPO, CAS 75980-60-8) in cosmetic products from 1 September 2025.

United States: Subject to the Federal Food, Drug, and Cosmetic Act (FD&C Act) and the Modernization of Cosmetics Regulation Act of 2022 (MoCRA). All ingredients are listed on the TSCA Chemical Substance Inventory or are exempt as cosmetic ingredients. The classification on this SDS conforms to OSHA HazCom 2012 (29 CFR 1910.1200). California: No component of this product is currently on the Proposition 65 list of chemicals known to cause cancer or reproductive harm. Manufacturer should re-check the current Prop 65 list before each label issue.

Canada: Ingredients are listed on the Domestic Substances List (DSL) or are exempt under the Cosmetic Ingredient Hotlist. Compliant with the Cosmetic Regulations under the Food and Drugs Act and SDS information requirements under the Hazardous Products Regulations (WHMIS 2015).

United Kingdom: Compliant with the UK Cosmetics Regulation (as retained and amended) and GB CLP. Notified via the UK Submit Cosmetic Product Notifications (SCPN) service.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment under REACH has been performed for individual registered substances by their respective registrants. A Cosmetic Product Safety Assessment (CPSA) for the finished product is held on file by the Responsible Person.

Section 16 – Other Information

Full Text of H-Statements Referenced in Sections 2 and 3

- H302 – Harmful if swallowed.
- H312 – Harmful in contact with skin.
- H315 – Causes skin irritation.
- H317 – May cause an allergic skin reaction.
- H319 – Causes serious eye irritation.
- H335 – May cause respiratory irritation.
- H411 – Toxic to aquatic life with long lasting effects.
- H412 – Harmful to aquatic life with long lasting effects.

Abbreviations and Acronyms

- ADR – Accord européen relatif au transport international des marchandises Dangereuses par Route
- ATE – Acute Toxicity Estimate
- CAS – Chemical Abstracts Service

- CLP – Classification, Labelling and Packaging Regulation (EC) No 1272/2008
- CMR – Carcinogenic, Mutagenic, toxic for Reproduction
- DNEL – Derived No Effect Level
- EC – European Community Number (EINECS/ELINCS)
- GHS – Globally Harmonised System of Classification and Labelling of Chemicals
- OSHA – Occupational Safety and Health Administration
- PBT – Persistent, Bioaccumulative and Toxic
- PNEC – Predicted No Effect Concentration
- REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals — Regulation (EC) No 1907/2006
- STOT SE – Specific Target Organ Toxicity – Single Exposure
- SVHC – Substance of Very High Concern
- TPO – Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (CAS 75980-60-8)
- TPO-L – Ethyl Phenyl(2,4,6-trimethylbenzoyl)phosphinate (CAS 84434-11-7)
- vPvB – very Persistent, very Bioaccumulative

Key Literature References and Data Sources

- Regulation (EC) No 1907/2006 (REACH), Annex II as amended by Regulation (EU) 2020/878.
- Regulation (EC) No 1272/2008 (CLP) and subsequent Adaptations to Technical Progress, including 18th ATP (Regulation (EU) 2022/692).
- Regulation (EC) No 1223/2009 on cosmetic products.
- Commission Regulation (EU) 2024/996 amending Regulation (EC) No 1223/2009 — prohibition of TPO from 1 September 2025.
- 29 CFR 1910.1200 (OSHA Hazard Communication Standard, GHS-aligned).
- ECHA Classification & Labelling Inventory (echa.europa.eu/information-on-chemicals/cl-inventory).
- Scientific Committee on Consumer Safety (SCCS) opinions on photoinitiators and (meth)acrylates.

Document Control

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regulations and for satisfying themselves as to the suitability and completeness of the information for their particular use. Sections containing placeholders in square brackets must be completed by the legal entity placing the product on the market before the SDS is issued.