



Section 1 - Identification of the Substance/Preparation and of the Company Undertaking

Product Name: Lecenté Solid Bond Base Coat with HEMA UV gel

Manufacturer: Nail Perfection Limited, Unit 15 Canal Industrial Park, Canal Road, Gravesend, Kent. DA12 2PA. UK.

Emergency Phone Numbers: +44 1474 327770

Product identifier Mixture identification: UV gel

Section 2 - Hazards

2.1 Classification of the substance or mixture

Skin Sensitisation. 1, H317
Eye Irritant. 2, H319
Aquatic Chronic 2, H411

Important adverse physicochemical, human health and environmental effects:

Skin Sens. 1 - Sensitisation — Skin, Hazard Category 1; H317 May cause an allergic skin reaction
Eye Irrit. 2 - Serious eye damage/eye irritation: Hazard Category 2; H319 Causes serious eye irritation.
Aquatic Chronic 2 - Chronic Hazard, Category 2; H411 Harmful to aquatic life with long lasting effects.

2.2 Label element

Signal word: WARNING!



Warning

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Contains: Urethane Dimethacrylate, 2-hydroxyethyl methacrylate, Ethyl Trimethylbenzoyl Phenylphosphinate

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/ container to in accordance with local/ regional/national/international regulation.

Product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH



Section 3 – Composition

Lecenté UV gels are a mixture of the following ingredients and/or pigments.

Chemical identity	INDEX#	CAS NUMBER#	EINECS#	Content (weight %)	Classification Regulation (EC) 1272/2008 (CLP)	TYPE
Urethane Dimethacrylate (7,7,9(or 7,9,9)-trimethyl 4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate)	N/A	72869-86-4	276-957-5	80-90%	Skin Sens. 1 H317 Aquatic Chronic 2 H411	[1]
2-hydroxyethyl methacrylate (Hydroxyethyl Methacrylate)	607-124-00-X	868-77-9	212-782-2	5-15%	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319	[1]
Ethyl phenyl(2,4,6-trimethylbenzoyl) phosphinate [ETHYL (2,4,6-TRIMETHYLBENZOYL) PHENYLPHOSPHINATE]	N/A	84434-11-7	282-810-6	1-3%	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

See section 16 for the full text of the R and H phrases declared above.

Occupational exposure limits, if available, are listed in section 8.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Section 4 - First aid measures

4.1. Description of first aid measures

General advice: Remove contaminated clothing.

Inhalation: Remove to fresh air. If not breathing, provide artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin contact: Get medical attention. Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water.

Eye contact: Get medical attention. Immediately wash the eyes with plenty of water for at least 15 min holding the eye open.

Ingestion: Do not INDUCE VOMITING. Rinse mouth with water. Get medical attention IMMEDIATELY.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: May cause nose and throat irritation. May affect the brain or nervous system, causing dizziness, headache or nausea. Harmful if inhaled. Narcosis, loss of coordination, vomiting, difficulty with speech, reduced visibility, fatigue, cough, unconsciousness.

Skin contact: Causes skin sensitisation. Swelling and redness of skin, dermatitis, drowsiness.

Eye contact: Causes serious eye damage. Conjunctivitis, lacrimation, redness, irritation and swelling of eyes.

Ingestion: Harmful if swallowed, abdominal pain.

4.3. Indication of any immediate medical attention and special treatment needed

Specific treatments: Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.



Section 5 - Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, powder.

Unsuitable extinguishing media: Water.

5.2. Special hazards arising from the substance or mixture

Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire-fighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

Section 6 - Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Wear personal protective equipment.

Avoid breathing vapour and avoid skin and eye contact.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

Prevent further leakage or spillage.

Harmful to aquatic life with long lasting effects.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Dispose of in accordance with local regulations.

Section 7 - Handling and storage

7.1. Precautions for safe handling

Protective measures: Avoid inhalation, skin and eye contact. DO NOT swallow the product.

Advice on general occupational hygiene: Good industrial hygiene practices should be observed. Provide sufficient air exchange and/or exhaust in work rooms. Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Take off all contaminated clothing immediately. Use of dispensing equipment is recommended to minimise the risk of skin or eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Store in well-ventilated area. Keep containers (solvent resistant) closed when not in use. Store away from ignition sources in a clean, dry area. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Empty container may retain product residues (vapour or liquid).

7.3. Specific end use(s)

Industrial sector specific solutions: Product is for professional use only.

Storage:

Shelf time	24 months (original factory packaging)
Storage temperature	15°C ~ 30°C



Section 8 - Exposure controls/Personal protection

8.1 Control Parameters

Occupational exposure limits

Limit values are laid down throughout the EU, but each Member State establishes its own national OELs, often going beyond EU legislation. OELs are set by competent national authorities and other relevant institutions.

United Kingdom (HSE, 2011):

Not established.

Recommended monitoring Procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

8.2 Manufacturer: Exposure controls

Appropriate engineering controls

Ensure good ventilation/extraction.

Individual protection measures:

Hygiene measures: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

Respiratory protection: Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area. Filter type: A

Eye/face protection: Safety glasses with side shields or chemical safety goggles should be worn if there is a risk of splashing.

Skin protection: Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR; ≥ 0.4 mm thickness). Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; ≥ 0.4 mm thickness).

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Wear suitable protective clothing.

Environmental exposure controls: According to available technology.

Date: 20/09/2022

**Section 9 - Physical and chemical properties**

Item	value
Appearance	Transparent liquid
Odour	Acrylate
Density	Not available
Vapour pressure	Not available
Vapour density	Not available
PH	6.8~7.0
Solubility in water/ organic solvents	Insoluble in water; soluble solvents
Melting point	Not available
Boiling point	Not available
Flash point	>100 °C
Partition coefficient, n-octanol/water	Not available
Auto-ignition temperature	Not available
Evaporation rate	Slower than ether
Decomposition temperature	Not available
Viscosity	900-1200 mPa.s
Explosive properties	N/DA
Oxidizing properties	N/DA

Section 10 - Stability and reactivity**10.1. Reactivity:**

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability:

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions:

Polymerization is possible.

10.4. Conditions to avoid:

Sun-Light, UV/LED light, un-clean conditions to avoid during storage, extreme temperatures above 30° below 15°

10.5. Incompatible materials:

Do not store with polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron.

10.6. Hazardous decomposition products:

Fumes produced when heated to decomposition may include: Toxic carbon monoxide, carbon dioxide.



Section 11 - Toxicological information

Acute health effects

Swallowed: Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting.

Eye: This material can cause eye irritation and damage in some people.

Skin: This material can cause inflammation of the skin on contact in some persons. Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions.

Inhalation: If inhaled, this material can irritate the throat and lungs of some people. Although inhalation is not thought to produce harmful effects (as classified under EC Directives), the material may still produce health damage, especially where pre-existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally confined to doses producing mortality rather than those producing morbidity (disease, ill-health).

Chronic health effects to toxicity and irritation

Mutagenic effects: contain no known or suspected ingredients that cause this effect.

Carcinogenicity: Contains no known or suspected ingredients that cause this effect.

Reproductive toxicity: Contains no known or suspected ingredients that cause this effect.

This product has not been tested on animals to obtain toxicology data.

Section 12 - Ecological information

12.1. Toxicity

Aquatic toxicity

Reaction mass of 7,7,9- trimethyl-4,13-dioxo-3,14- dioxo-5,12- diazahexadecane 1,16-diylbismethacrylate and 7,9,9-trimethyl-4,13-dioxo 3,14-dioxo-5,12- diazahexadecane-1,16- diylbismethacrylate	Daphnia magna	Freshwater	48h	EC50	> 1200 µg/L
Ethyl Trimethylbenzoyl Phenylphosphinate	Danio rerio (Zebrafish)	Freshwater	96h	LC50	1.89 mg/L

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

Low.

12.4. Mobility in soil

Not available

12.5. Results of PBT and vPvB assessment

Regarding all available data on biotic and abiotic degradation, bioaccumulation and toxicity it can be stated that the substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).

12.6. Other adverse effects

No known significant effects or critical hazards.



Section 13 - Disposal considerations

13.1. Waste treatment methods

Product:

Methods of disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: Within the present knowledge of the supplier, this product is regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

European waste catalogue (EWC): 200127* paint, inks, adhesives and resins containing dangerous substances

Packaging:

Methods of disposal: The generation of waste should be avoided or minimized wherever possible.

Packaging: IBC container, plastic drum.





Waste packaging should be recycled.

Special precautions: This material and its container must be disposed of in a safe way.

Section 14 - Transport information

This preparation is classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA) in quantities of more than 5L

International transport regulations:

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	UN3082	UN3082	UN3082	UN3082
14.2 UN proper shipping name	Environmentally Hazardous Substance Liquid, N.O.S.	Environmentally Hazardous Substance Liquid, N.O.S.	Environmentally Hazardous Substance Liquid, N.O.S.	Environmentally Hazardous Substance Liquid, N.O.S.
14.3. Transport hazard class(es)	9  This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.	9  This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.	9  This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.	9  This product is not regulated as a dangerous good when transported or ≤ 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. in sizes of ≤ 5 L
14.4. Packing group	III	III	III	III
14.5. Environmental hazards	YES	YES	Marine pollutant	YES
14.6. Special precautions for user	Hazard identification number 90 Limited quantity 5 L Special provisions 274, 335, 601, 375 Tunnel code (-)	-	EmS code: F-A, S-F Special provisions 274, 335, 969	Quantity limitation Passenger and Cargo Aircraft: 450 L. Packaging instructions: 964. Cargo Aircraft Only: 450 L. Packaging instructions: 964. Limited Quantities - Passenger Aircraft: 30 kg. Packaging instructions: Y964. Special provisions A97, A158, A197
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable	Not applicable	Not applicable	Not applicable



Section 15 - Regulation information

Safety, health and environmental regulations/legislation specific for the substance or mixture EU

Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Other information

All components of this product are in compliance with the following inventories:

U.S. TSCA, Canada DSL, Japan ENCS, Australia AICS

Section 16 - Other information

Disclaimer: The data contained in this Safety Data Sheet is based on our current knowledge and experience. Besides, the data described the product are only with regard to safety requirements. They do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the Safety Data Sheet. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.

Additional Information for users

As with any professional nail system, we highly recommend users attend a Lecenté workshop or conversion course to get the best from our unique products.

Please find below things we feel are necessary to be aware of when working with Lecenté products.

Please keep this information to hand in case of fire, allergies etc.

All Lecenté products comply with Regulation EC 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

All Lecenté gel products including base coat, top coat, colour/glitter coats etc should only be used on a healthy nail plate.

All Lecenté cleansers/acetones etc are to be used only on the nail plate and surrounding skin.

All Lecenté gels are classed as cosmetic products and are designed purely for changing the appearance of the nail plate and/or surface. All Lecenté nail gels must only be placed on the nail surface (natural or artificial) and must be removed immediately from skin to minimise risk of overexposure, sensitivity and/or allergic reactions. We highly recommend users work as hygienically as possible and carry out regular risk assessments.

It is recommended that users wear PPE during treatments for safest working practices. PPE may include the wearing of a face mask; suitable clothing that is not worn outside of a salon environment, gloves, protective eye protection etc.

To minimise any allergies or overexposure, we recommend any product that comes into contact with skin is removed immediately and washed well with soap and water. Please follow removal procedures correctly.

If irritation of the skin occurs or if there is nail separation, please obtain medical advice.

All ingredients within the Lecenté gel polish range are classified as safe for use within nail gels and have been independently tested to gain CI/INCI numbers for use within cosmetic preparations.

All Lecenté products are manufactured according to Good Manufacturing Practices (GMP) and we do not perform any animal testing. All Create products are free from any animal ingredients.

Each Lecenté gel product has its curing time on the label on each bottle which is relevant for use with the Lecenté Create light. A test certificate is attached for lamp compatibility. It is important that users understand that our tests were carried out under laboratory conditions where the lights were calibrated and confirmed to be true of their wattage/nm etc. We highly recommend that if users decide on using an alternative light source, it is properly calibrated to prevent service breakdown at a later date.

The responsible person for all Lecenté products is Maria Ciantanni

In the event of any adverse reactions please notify Lecenté (Nail Perfection Ltd) on 01474 327770, maria@lecente.com please have to hand product name, colour and batch code for all products used. The local trading standard office for Lecenté (Nail Perfection) is –

Kent County Council, Trading Standards, PO Box 320, Ashford, Kent, TN24 8AS. Tel: 03454 04 05 06

Health & safety when working with the Lecenté Create system

Minimising overexposure and allergic reactions for the nail technician

Keep this in mind when working – ***These products are for use on the surface of the nail only.***

- Change desk towel after each part of the service
- Keep your work surface clean, wipe desks regularly
- Use full PPE when working including gloves, aprons, masks, goggles etc.
- Remove product immediately if it comes into contact with the skin
- Avoid nail files coming in to contact with the nail surface (free edge is fine)
- Keep hair tied back to prevent it touching your client, touching wet product on the nails, gathering dust etc.
- Invest in an extraction unit as this will keep odours and dust to a safe level
- Dry wipe the inside of your lamp to make sure bulbs are kept clean and dust free
- Use only the leads that come with your lamp – NO OTHERS EVEN IF THEY LOOK THE SAME.
- Clean bottles regularly to prevent contamination and overexposure
- Follow manufacturer's instructions. If necessary consult your PIF's etc on a regular basis to make sure you are working as safely as possible

Minimising overexposure, sensitivities and allergic reactions for the client

- Do not allow your client to touch any part of their body once you have started the treatment
- Make sure when they put their hand in the lamp nails sit as upright as possible (If this is not possible cure the 4 fingers first and then thumbs)
- Remove any product that comes into contact with your clients skin immediately
- Avoid swiping gel off up the sidewalls as residue may get caught under the nail plate, remain uncured and may lead to hardening/splitting of the hyponychium and nail separation
- Use remover wraps instead of bowls of acetone.
- Create will flake off the nails when correct removal procedure is followed. Do not file off stubborn gel as this will lead to onycholysis (nail separation) and thinning of the nail plate over a period of time. It will also make the next removal harder as the gel will sit lower in some parts of the nail
- Assess the nails you are working on and perform a full client consultation on each treatment.
- Do not apply if the skin surrounding the nail is sore, inflamed or broken.

General things to remember

- A true allergy is any area of the body that comes in contact with cured/uncured gel products, true allergies are not localised to the nail area.
- Uncured gel will absorb its way into the body and may cause overexposure/sensitivities that may lead to an allergy. Make sure nails are thoroughly checked and any uncured product is removed
- Allergic reactions can only occur if product is not cured correctly (under cured), dust/product enters the body via ingestion, inhalation or absorption or uncured product remains on the skin.
- Allergic reactions are extremely rare if manufacturers guidelines are followed and products remain only on the nail surface, in the event of any reaction with any product, remove and seek medical advice
- Allergies are for life

Date: 20/09/2022

NP QC 2001



PRODUCT SPECIFICATION

PRODUCT CODE: NP Solid Bond Base Coat Gel with HEMA 001

PRODUCT DESCRIPTION: Soak Off Wet Surface Colour Coat

PROPERTY	SPECIFICATION	TEST METHOD
Extraneous matter	None present	NP TM 01
Colour	Pass	NP TM 02
Lecenté Create UV LED light system	60 seconds cure – PASS	NP TM 03
CND UV light system	120 seconds cure – PASS	NP TM 04
CND LED light system	60 seconds cure – PASS	NP TM 05
Brookfield Viscosity	900-1200 mPa.s	NP TM 06
Performance Test	Pass	NP TM 07
Cured colour and gloss	Pass	NP TM 08

This certificate confirms full and proper curing of Lecenté Create Solid Bond Base Coat Gel with HEMA in the aforementioned lamps.