



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

Product Name: Lecenté Builder LED/UV gel

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

Emergency Phone Numbers: +44 1474 327770

Product identifier Mixture identification: LED/UV gel

Section 2 – Hazards

Classification of the substance or mixture

Skin sensitization —Category 1

Irritant—Category 11

Label element

Signal word: WARNING!



Hazardous characteristics

May cause an allergic skin reaction

May cause sensitization by skin contact.

Precautionary statements

H317—May cause an allergic skin reaction.

H319—Cause serious eye irritation

H302—Harmful if swallowed

H332—Harmful if inhaled

P272—Contaminated work clothing should not be allowed take out of the workplace

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

P363—Wash contaminated clothing before reuse

P302 + P352—Wash with plenty of soap and water once skin-touch occurs.

P333 + P313—If skin irritation or rash occurs, get medical advice/attention.



Section 3 – Composition

The product is a mixture.

Chemical identity	CAS#	EINECS#	Content Weight (%)	EXPOSURE OSHA TWA/STEL	LIMITS ACGIH TWA/STEL	CARCINOGEN IARC/NTP/OSHA
Polyurethane acrylate oligomer (Di-HEMA)	Exempt	N/E	<= 75	N/E	N/E	Not Listed
Isobornyl methacrylate (IBOMA)	[7534-94-3]	[231-403-1]	5 ~ 15	N/E	N/E	Not Listed
Isobornyl acrylate (IBOA)	[5888-33-5]	[227-561-6]	5 ~ 10	N/E	N/E	Not Listed
Silicon Dioxide (SiO ₂)	[60676-86-0]	N/E	~ 1.5	N/E	N/E	Not Listed

Section 4. First aid measures

Description of first aid measures

General information: Instantly remove any clothing soiled by the product. Show this Safety Data Sheet to the doctor in attendance.

Inhalation: Move immediately to fresh air, avoid exertion and seek medical attention.

Skin contact: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available) for at least 15 minutes. If symptoms persist seek medical attention.

Eye contact: Rinse thoroughly with plenty of water, also under the eyelids. Keep eyes widely open while rinsing. If symptoms persist, seek medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. If symptoms persist, seek medical attention.

Protection for first-aiders: Use personal protective equipment.

Most important symptoms/effects, acute and delayed

Skin contact: Irritating to skin. May cause sensitization by skin contact.

Indication of immediate medical attention and special treatment needed

No further relevant information available.

Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂), dry chemical or foam.

Extinguishing media which must not be used: Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Special exposure hazards arise from the product itself, combustion products, and resulting gases. Combustible, slight fire hazard when exposed to heat or flame. The combusting material may emit toxic fumes and vapors.

Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂), dry chemical or foam.

Extinguishing media which must not be used: Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Special exposure hazards arise from the product itself, combustion products, and resulting gases. Combustible, slight fire hazard when exposed to heat or flame. The combusting material may emit toxic fumes and vapors.



Section 5. Firefighting measures

Advice for fire-fighters

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

Other information: Cool packaging/intermediate bulk containers (IBC)/containers/tanks with water spray from a safe distance with adequate cover. Do not discharge the product and contaminated fire extinguishing water into soil/drains/surface waters/groundwater. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contacting with skin, eyes, clothing.
Remove all sources of ignition, heat, flames and sparks. Ensure adequate ventilation.

Environmental precautions

Prevent product from entering soil/drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Clear area of personnel and move upwind. Prevent further leakage or spillage if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (relevant to section 13).

Section 7. Handling and storage

Precautions for safe handling

Wear personal protective equipment. Ensure adequate ventilation. Use only in well ventilated areas, possibly combined with a local extraction. Take precautions against electrostatic discharge.
Compliance with minimum standards of the Technical Rules for Hazardous Substances (TRGS) required.
These rules include general hygiene measures like

- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- Workers should wash hands and face after usage.
- Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities

Materials to avoid: Acids, bases, oxidizing agents, reducing agents.

Technical measures: The stabilizer is only effective in the presence of oxygen. Keep container in a cool, well-ventilated area. Keep away from heat sources and direct sunlight. Keep container tightly closed in a dry and well-ventilated place. Protect from frost, heat and sunlight. Ensure all equipment is electrically grounded before beginning transfer operations.

Storage:

Shelf time	36 months (original factory packaging)
Storage temperature	15°C ~ 30°C

Date: 20/08/2019



Section 8. Exposure controls/Personal protection

Occupational exposure limits

Contains no substances with occupational exposure limit values.

Occupational exposure controls

Engineering measures: Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Hygiene measures: When using, do not eat, drink or smoke. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

General information: Use personal protective equipment in good condition. Protective equipment must be chosen depending on activity and possible exposure. The chemical resistance of the protective equipment should be clarified with whose suppliers.

Respiratory protection: Suitable respiratory protection for higher concentrations or long-term effect: Gas filter EN141 Type A for gases/vapors of organic compounds (boiling point >65 °C).

Hand protection: Wear chemical resistant protection gloves (EN374) made of suitable material such as Nitrile rubber (nitrile thickness > 0.5 mm). Replace gloves immediately when torn or any change in appearance (dimension, color, flexibility, etc.) is noticed.

Eye protection: Safety glasses with side-shields (frame goggles) (EN 166).

Skin and body protection: Use a face shield, long sleeved, impervious protective clothing and boots.

Environmental exposure controls

Refer to section 6 and section 7.

Section 9. Physical and chemical properties

Item	value
Appearance	liquid
Odor	characteristic
Density	1.05~1.17 g/cm ³ (25 °C)
Vapor pressure	< 0.01 kPa (20 °C)
Vapor density	1.0 kg/m ³
PH	6.8~7.0
Solubility in water/ organic solvents	slight in water; soluble in esters and ketones
Melting point	N/DA
Boiling point	>200°C
Flash point	>120 °C
Partition coefficient, n-octanol/water	not available
Auto-ignition temperature	N/AP
Evaporation rate	N/DA
Decomposition temperature	N/DA
Viscosity	1500~2500 cps (25°C)
Explosive properties	N/DA
Oxidizing properties	N/DA



Section 10. Stability and reactivity

Chemical stability

Stable under recommended storage conditions.

Reactivity

Possibility of hazardous reactions

Hazardous polymerization. Inhibitors have been added to stabilize this product. Maintaining air in the storage containers is important to keep inhibitors active.

Materials / Conditions to avoid

Acids, bases, oxidizing agents, reducing agents. Direct sunlight, any other sources of heat or radiation, flames and sparks, oxidizing conditions, inert gas blanketing.

Hazardous decomposition products

None when used as directed. Thermal decomposition will lead to the release of carbon monoxide (CO) and carbon dioxide (CO₂).

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 persons.

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 persons. 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.

Section 12. Ecological information

Toxicity

Fish: No data available.

Crustacean: No data available.

Algae: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT and vPvB assessment: No data available.

Other adverse effects

No data available.



Section 13. Disposal considerations

Waste treatment methods

Waste from residues/unused products: Should not be released into the environment. Dispose of the waste in accordance with the European Directives.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Section 14. Transport information

ADR / RID

Not classified as hazardous under transport regulations.

IMDG / IMO

Not classified as hazardous under transport regulations.

ICAO / IATA

Not classified as hazardous under transport regulations.

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 are 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.