



SAFETY DATA SHEET (SDS)
LC-GEL

1. IDENTIFICATION

Product Name: LC-Gel
Other Name or Code: 3053101-3053102
Use: Light-curing modelling resin
Supplier Name: DenPlus Inc.
Address: 333-M Chemin du Tremblay
Boucherville, QC, Canada, J4B 7M1
Phone Number for Information: 450.641.1330
Emergency Phone Number: 613.996.6666
Anti-Poison Center of Quebec 1.800.463.5060

2. HAZARDS IDENTIFICATION

2.1 Classification

This product does not meet the criteria for classification in any hazard class on classification, labelling and packaging of substances and mixtures.

2.2 Label elements

Not applicable.

3. INFORMATION ON INGREDIENTS

Mixture of different acrylates and initiator for light-cured polymerization.

Hazardous ingredients	CAS	Concentration range (by weight)
No classifiable hazardous ingredient		

4. FIRST-AID MEASURES

4.1 Description of first aid measures

Inhalation	Not required because boiling point of about 250 °C.
Skin Contact	IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs, get medical attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor if irritation persists.
Ingestion	IF SWALLOWED: Rinse mouth. Induce vomiting. Obtain medical attention if ill effects occur.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed

None necessary.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

In case of fire, use water spray, carbon dioxide (CO₂), spray foam, dry powder.

5.2 Special hazards arising from the substance or mixture

Not applicable.

5.3 Advice for firefighters

Not applicable.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Not applicable.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Collect in containers for disposal according to local regulations.

6.4 Reference to other sections

See sections: 8 and 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures necessary. Avoid contact with eyes. Avoid prolonged skin contact.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Protect from exposure to light. Natural ventilation is adequate.

Storage temperature (°C): Ambient.

Incompatible materials: No special measures are necessary.

7.3 Specific end use(s)

Light-cured ready to use material for modelling of inlays, onlays, veneers, secondary parts and other constructions and for blocking out undercuts.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters:

8.2 Exposure controls

Appropriate engineering controls

Eye/face protection Wear eye/face protection. Safety spectacles/goggles/full face shield.

Skin protection Not normally required, however use of gloves is recommended.
Suitability of gloves should be confirmed with glove manufacturer.

Respiratory protection Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red or blue paste
Odor	Characteristic
pH (Value)	Not available
Melting Point (°C)	< -20
Boiling Point (°C)	> 250
Flash Point (°C)	150
Flammability (solid, gas)	Not available
Flammable Limits	Not available
Vapor pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Solubility (Water)	Partially insoluble
Solubility (Other)	Not available
Viscosity (mPa. s)	Not available
Explosive properties	Not applicable
Oxidizing properties	Not applicable
Density (g/ml)	1.75

10. STABILITY AND REACTIVITY

10.1 Reactivity

Slowly polymerize when exposed to light.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No toxic hazard.
Ingestion	Low oral toxicity.
Inhalation	Unlikely to be hazardous by inhalation.
Skin contact	Unlikely to cause skin irritation.
Eye contact	Unlikely to cause irritation.

Toxicity

Method	Route	Species	Value
OECD 401	Ingestion	Rat	LD50 > 5,000 mg/Kg

12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

This product has not been tested.

12.3 Bioaccumulative potential

This product has not been tested.

12.4 Mobility in soil

This product has not been tested.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

The waste is considered to be non hazardous. Dispose in accordance with local regulations.

13.1 Waste treatment methods

May be disposed by landfill in accordance with local regulations.

14. TRANSPORTATION CONSIDERATIONS

Not classified as Dangerous for Transport.

14.1 UN number

Not applicable.

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 applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

WHMIS 2015

Canadian Hazardous Products Regulations (SOR2015-17)

Canadian Hazardous Products Act (R.S.C., 1985, c. H-3)

Hazardous Products Information Regulation (Quebec S-2.1, r. 8.1)

16. OTHER INFORMATION

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