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SAFETY DATA SHEET - OPTOLINQ™ OLS-1000

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Optolinq OLS-1000
SUPPLIER NAME : Caplinq Europe BV

CAPLINQ Europe BV
Industrieweg 15E
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MSDS NUMBER : Optolinq OLS-1000 - #31521
CHEMICAL NAME : OPTOLINQ OLS-1000 | Optically Clear Two-Part Epoxy LED Liquid Encapsulant
CAS NUMBER : Not applicable
DOT HAZARD CLASS : Not applicable
TRADE NAMES : Optolinq OLS-1000

SECTION 2. INGREDIENT COMPOSITION

Name	CAS#	Content (%)
OLS-1000-A		
Bisphenol A epoxy resin	25068-38-6	90~99
Epoxy thinner	68609-97-2	0.9~5
Additive	/	0.09~4
Colorant	/	0.01~1
OLS-1000-B		
Anhydride curing agent	19438-60-9	90~99.8
Accelerator	90-72-2	0.1~9
Additive	/	0.1~1

SECTION 3. HAZARDS IDENTIFICATION

Toxicity: LD₅₀(oral) > 5000mg/kg.

Inhalation: May cause respiratory irritation, vomiting, and loss of appetite

Skin Contact: May cause skin irritation.

Eye Contact: May be hazardous and cause eye irritation

Ingestion: May cause vomiting and loss of appetite.

SECTION 4. FIRST AID MEASURES

INHALATION:

Remove patient into fresh air and seek medical advice. If breathing is difficult give artificial respiration or administer oxygen

SKIN:

Wash immediately with plenty of soap water.

EYE:

Rinse immediately with plenty of water for more than 15 minutes.

INGESTION:

If the patient is about to lose consciousness or has lost consciousness or cramps, do not feed anything by mouth. Do not induce vomiting. Give the patient 300 ml of water to dilute the contents of the stomach. If the patient vomits spontaneously, and move the body forward to avoid inhaling the vomit. See a doctor immediately.

In all cases of doubt, or when symptoms persist, seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: >140°C (Test method: Tag Open-up)

SUITABLE EXTINGUISHING MEDIA

Use extinguishing method that is suitable for the surroundings, e.g., 1211, dry powder, carbon dioxide, foam extinguishing agent.

SPECIAL FIRE FIGHTING PROCEDURES

Not Applicable

HAZARDOUS DECOMPOSITION/EXPLOSION HAZARD:

None

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ensure adequate ventilation.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Keep heat and fire source away. Use sand, soil or other inert materials to contain the leakage; Use safe method to collect the leakage.

SECTION 7. HANDLING AND STORAGE

HANDLING:

Avoid contacting with skin and eyes; Avoid inhalation.

STORAGE:

Keep container tightly closed and store in a cool and ventilated place and away from heat and fire source.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE:

Wear safety glasses with side shields. Prepare eye-rinsing equipment.

RESPIRATORY:

Use organic vapor canister or canister respirator to avoid over exposure.

HAND:

Wear suitable protective rubber or lined gloves.



OTHER INFORMATION:

Wear rubber working shoes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: OLS-1000-A: lilac viscous liquid; OLS-1000-B: colorless transparent liquid.

ODOR: Odorless

PH: Not applicable

BOILING POINT: Not applicable

SPECIFIC GRAVITY (water = 1): OLS-1000-A: 1.15±0.05; OLS-1000-B: 1.15±0.05

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

EVAPORATION RATE (butly acetate = 1): Not applicable

SOLUBILITY IN WATER: Not applicable

SECTION 10. STABILITY & REACTIVITY

CHEMICAL STABILITY: Stable under room temperature and pressure

DANGEROUS POLYMERIZATION: Will not happen

INCOMPATIBILITY: None

MATERIALS TO AVOID: Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS (When not thermally decomposed): None

SECTION 11. TOXICOLOGICAL INFORMATION

TOXICITY:

LD₅₀(oral) > 5000mg/kg

SECTION 12. ECOLOGICAL INFORMATION

No supportive data.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of contents and container according to local regulation. Incineration or landfill in accordance with federal, state and local regulations.

SECTION 14. TRANSPORT INFORMATION

International Transportation Regulation :	Regular
UN Documents:	Not applicable.
Domestic Transportation Regulation:	Regular



Special precautions for transportation: Not applicable.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized safety officer. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15. REGULATORY INFORMATION

None

SECTION 16. OTHER INFORMATION

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