

**SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	LINQBOND™ PM-1221
<b>Applications:</b>	Translucent two-part polyurethane resin for casting bonding, potting, and sealing electronic components
<b>Advised Against</b>	No further relevant information available
<b>Supplier Name</b>	Caplinq Europe BV

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**SECTION 2. HAZARDS IDENTIFICATION**

**HAZARD CLASS:** Non-dangerous goods.

**HAZARD INFORMATION:** Non-hazardous. Avoid skin and eye contact. Use in a well-ventilated area.

**POTENTIAL HEALTH EFFECTS**

**Eye Contact:** May cause mild eye irritation.

**Ingestion:** May be hazardous to the digestive system, cause vomiting and loss of appetite.

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

**Skin Contact:** Short-term exposure poses no immediate risk or adverse effects.

**SECTION 3. INGREDIENT COMPOSITION**

**Part A**

No.	Components	CAS Reg. No.	Proportion (%)
1	Castor oil	8001-79-4	50-90
2	Phthalate ester	68515-48-0	5-20
3	Filler	471-34-1	0-30
4	Pigment	Confidential	0-5
5	Foaming agent	Confidential	0-5

**Part B**

No.	Components	CAS Reg. No.	Proportion (%)
1	P-MDI, Polymethylene polyphenyl isocyanate	9016-87-9	90.01-100
2	Modifier	Confidential	0-9.99

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## SECTION 4. FIRST AID MEASURES

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### EYE CONTACT

- Immediately flush with plenty of water for at least 15 min.

### SKIN CONTACT

- Immediately flush with plenty of water and soap for at least 15 min.

### INHALATION

- Move victim to fresh air.
- Administer oxygen if breathing is difficult.
- Get medical attention.

### INGESTION

- Do not administer anything orally if the patient is on the verge of losing consciousness, already unconscious, or experiencing convulsions.
- Do not induce vomiting.
- Get medical attention immediately.

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## SECTION 5. FIRE FIGHTING MEASURES

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### EXTINGUISHING MEDIA

- Dry chemicals, water mist, or foam.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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**PERSONAL PROTECTION PRECAUTION:** Avoid eye contact, keep the container sealed, and do not ingest.

### LEAK/SPILL

- In case of a leakage, use sand, soil, or other appropriate materials to contain and prevent environmental contamination.
- Report as per regulatory requirements. Refer to the local emergency plan to determine whether evacuation or area isolation is necessary. Promptly transfer leaked material into a suitable container and utilize appropriate absorbents to clean up any remaining spills.

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## SECTION 7. HANDLING AND STORAGE

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### HANDLING

- Ensure the availability of suitable protective and ventilation equipment.
- Minimize skin and eye exposure, and prevent inhalation of vapors. Do not stay in contact for an extended period.

### STORAGE

- Store in a cool (air-condition room temperature) & dry place away from excessive heat, sunlight, and humidity. Ensure that the storage and usage area is strictly designated as a non-smoking zone.

## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### EXPOSURE LIMITS

No.	Components	Standards*	Reference
1	Castor oil	Not Established	OSHA <sup>1</sup> /ACGIH <sup>2</sup>
2	Phthalate ester	Not Established	OSHA <sup>1</sup> /ACGIH <sup>2</sup>
3	Filler	Not Established	OSHA <sup>1</sup> /ACGIH <sup>2</sup>
4	P-MDI, Polymethylene polyphenyl isocyanate	Not Established	OSHA <sup>1</sup> /ACGIH <sup>2</sup>

<sup>1</sup>Occupational Safety and Health Administration (OSHA) 8-hour total weight average (TWA) permissible exposure limit (PEL)

<sup>2</sup>American Conference of Governmental Industrial Hygienists (ACGIH) 8-hour total weight average (TWA) threshold limit value (TLV)

### VENTILATION

Use general or local exhaust ventilation to meet exposure limit requirements.

### PERSONAL PROTECTION

- Respiratory Protection: No special protective equipment is necessary when operating in areas equipped with ventilation and exhaust facilities.
- Eye/Skin Protection: Chemical safety splash goggles, and eyewash equipment are recommended. Do not wear contact lenses.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Grayish viscous liquid (Part A) Light yellow viscous liquid (Part B)
<b>Odor</b>	Mild odor
<b>pH</b>	Not available
<b>Initial Boiling Point/Boiling Ranges</b>	Not available
<b>Flash Point</b>	Not available
<b>Viscosity</b>	6000–9000 cP (Part A)/ 300–400 cP(Part B)
<b>Vapour Pressure (mmHg at 25 °C)</b>	Not available
<b>Evaporation Rate (Butyl Acetate = 1)</b>	Not applicable

## SECTION 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable under ordinary conditions of use and storage.

**Conditions To Avoid:** Not applicable.

**Decomposition Products:** Ethanol, carbon dioxide, and trace amounts of unburned carbides.

**Hazardous Polymerization:** No hazard at room temperature.

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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**Carcinogenicity:** No information found

**Reproductive Effect:** No information found

**Chronic Effects:** No information found

**Target Organs:** No information found

**Eye Contact:** May cause mild eye irritation.

**Ingestion:** May be hazardous to the digestive system, cause vomiting and loss of appetite.

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

**Skin Contact:** May cause mild skin inflammation.

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**SECTION 12. ECOLOGICAL INFORMATION**

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**Mobility:** No Information found

**Bioaccumulation:** No information found

**Biodegradability:** No information found

**Aquatic Toxicity:** No information found

**Environmental Toxicity:** No information found

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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Disposal of waste needs to be carried out at the city, state, or federally permitted disposal facility. Handle in accordance with applicable regulations and/or local authorities.

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**SECTION 14. TRANSPORT INFORMATION**

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**Land transport ADR/RID (Cross-border)**

ADR, RID Class:

Not Classified as a Hazardous material

**Maritime transport IMDG**

IMDG Class:

Not Classified as a Hazardous material

**Air transport ICAO-TI and IATA-DGR**

ICAO/IATA Class:

Not Classified as a Hazardous material

*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.*

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**SECTION 15. REGULATORY INFORMATION**

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No information available

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**SECTION 16. OTHER INFORMATION**

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