

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	LINQCOAT™ PC-1032
Applications:	Acrylic conformal coating for electronic components
Advised Against	No further relevant information available
Supplier Name	Capling Europe BV

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SECTION 2. HAZARDS IDENTIFICATION

HAZARD PICTOGRAMS:



GHS02

GHS07

SIGNAL WORD: Danger

Hazard-determining components of labeling:

Ethyl Acetate

HAZARD STATEMENTS

H225 Flammable Liquid 2

H319 Eye Irritation (Category 2A)

H336 STOT SE3

PRECAUTIONARY STATEMENTS

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing fume/gas/mist/vapours/spray.

P264 Wash hand thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P319 Get medical help if you feel unwell.

P337 + P317 If eye irritation persists: Get medical help.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

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.

Skin Contact: May cause mild skin inflammation.

SECTION 3. INGREDIENT COMPOSITION

No.	Components	CAS Reg. No.	Proportion (%)
1	Ethyl Acetate	141-78-6	40-60
2	Acrylic	9003-01-4	30-50
3	Amino Resin	9003-08-1	10-20
4	Accelerator		0.01-1
5	Essence		0.01

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

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

SKIN CONTACT:

- Wash the affected skin with soap and water.

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.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

- Self contained breathing apparatus and protective clothing
- Clean agent fire extinguisher, dry powder, carbon dioxide, or foam.

SECTION 6. ACCIDENTAL RELEASE MEASURES

LEAK/SPILL

- In case of a leakage, use sand, earth, or inert materials to contain and control it
- Place leakage into suitable container and clean up residue with suitable absorbent material
- Report as per regulatory requirements.

SECTION 7. HANDLING AND STORAGE

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. Do not ingest, make sure to cleanse before eating or smoking.

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.
- Store away from oxidizing materials

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:

No.	Components	Standards*	Reference
1			
2			

VENTILATION:

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

PERSONAL PROTECTION:

- Respiratory Protection: No protection necessary when ventilation and exhaust is available
- Eye/Skin Protection: Chemical safety splash goggles, eyewash equipment, and gloves (general rubber or lined) are recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Sticky paste
Odor	Mellow
Color	Transparent
Ph:	Not applicable
Initial Boiling Point/Boiling Ranges:	Not applicable
Flash Point:	Not applicable
Specific Gravity:	Not applicable
Vapour Pressure (Mm Of Hg At 25°C):	Not applicable
Solubility:	Not applicable
Vapour Density (Air = 1):	Not applicable

Evaporation Rate (Butyl Acetate = 1):

Not applicable

SECTION 10. STABILITY & REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.**Conditions To Avoid:** Not applicable.**Decompositions Products:** Ethanol, carbon dioxide, and trace amounts of incompletely burned carbides, etc**Hazardous Polymerization:** No hazard at room temperature.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity Data: No information found**Carcinogenicity:** No information found**Reproductive Effect:** No information found**Chronic Effects:** No information found**Target Organs:** No information found

SECTION 12. ECOLOGICAL INFORMATION

Mobility: No Information found**Bioaccumulation:** No information found**Biodegradability:** No information found**Aquatic Toxicity:** No information found**Environmental Toxicity:** No information found

SECTION 13. DISPOSAL CONSIDERATIONS

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.

SECTION 14. TRANSPORT INFORMATION

Land transport ADR/RID (Cross-border)

UN Number	1173
UN proper shipping name	ETHYL ACETATE
Transport hazard class(es)	3
Packing group	II
Environmental Hazards	No
Special precautions for user	Yes

Maritime transport IMDG

UN Number	1173
UN proper shipping name	ETHYL ACETATE
Transport hazard class(es)	3
Packing group	II
Marine pollutant	No
Special precautions for user	Yes
EmS	F-ES-D

Air transport ICAO-TI and IATA-DGR

UN Number	1173
UN proper shipping name	ETHYL ACETATE
Transport hazard class(es)	3

Packing group
Environmental hazards
Special precautions for user

II
No
No

TRANSPORTATION PRECAUTIONS

- Ensure the container is leak-proof.
- During transport, prevent falling, tipping, collisions, and exposure to direct sunlight.
- Pack and transport in a sealed container.
- Transportation must adhere to applicable national and international regulations.

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

No information available

SECTION 16. OTHER INFORMATION

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date. Neither CAPLINQ Corporation, nor CAPLINQ Europe BV accept any liability arising out of the use of the information provided here or the use, application or processing of the product described herein.

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COMMON ABBREVIATIONS AND ACRONYMS:

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

MARPOL: (from Marine Pollutant) International Convention for the Prevention of Marine Pollution from Ships

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

UN: United Nations (also UNO: United Nations Organization)

NOEC: No Observed Effect Concentration

OECD: Organisation for Economic Co-operation and Development

ASTM: American Society for Testing and Materials

WAF: Water Accommodated Fraction

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International

Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative