

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name LINQBOND™ AD-008MT
Applications: Two-component acrylic-based adhesive
Advised Against No further relevant information is available
Supplier Name Caplinq Europe BV

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SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE/MIXTURE

Classification according to Regulation (EC) No 1272/2008

Hazard Class

Skin corrosion/irritation
 Skin sensitization
 Serious eye damage/eye irritation
 Carcinogenicity
 Specific target organ toxicity, repeated exposure
 Hazardous to the aquatic environment, long-term hazard

Hazard Category

Category 1
 Category 1
 Category 2
 Category 2
 Category 2
 Category 3

LABEL ELEMENTS

Labeling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

Hazard Pictogram



SIGNAL WORD

Danger

HAZARD STATEMENTS

H314 Causes severe skin burns and eye damage
 H317 May cause an allergic skin reaction
 H319 Causes severe eye irritation
 H351 Suspected of causing cancer
 H373 May cause damage to organs through prolonged or repeated exposure
 H412 Harmful to aquatic life with long lasting effects

PREVENTION PRECAUTIONARY STATEMENTS

P260 Do not breathe dust/fumes/gas/mist/vapours/spray.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE PRECAUTIONARY STATEMENTS

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of water.
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.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor.
P312	Call a POISON CENTER/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

Storage Precautionary Statements

P405	Store locked up.
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Disposal Precautionary Statements

P501	Dispose of contents or containers to approved waste disposal.
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SECTION 3. INGREDIENT COMPOSITION

No.	Components	CAS Reg. No.	Proportion (%)
1	Prepolymer	26677-99-6	72 - 75 %
2	Tetrahydrofurfuryl Acrylate	2399-48-6	19 - 20%
3	2-Ethylhexyl Methacrylate	688-84-6	5 - 6%
4	Spherical Glass Bead	65997-17-3	1 - 2 %
5	Cumene hydroperoxide	80-15-9	1 - 2 %

SECTION 4. FIRST-AID MEASURES

EYE CONTACT

- Rinse the contaminated eye with water for 15 minutes or until the contamination is completely removed.
- Seek immediate medical attention.

SKIN CONTACT

- Immediately wash with soap and water. Wash contaminated clothing before reuse.
- Get medical attention if symptoms occur.

INHALATION

- Move the victim to fresh air.
- If the victim experiences any discomfort, seek immediate medical attention.

INGESTION:

- If swallowed, drink plenty of water. Seek immediate medical help and follow the doctor's advice on whether to induce vomiting to keep the victim calm.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Chemical dry powder, carbon dioxide, or foam fire extinguisher.

COMBUSTION PRODUCTS

It may cause carbon monoxide, acetone, aldehyde, ammonia, and some organism materials.

FIRE EXTINGUISHING PRECAUTIONS

Evacuate and isolate the fire area.

FIRE FIGHTING PROTECTIVE EQUIPMENT

Firefighters should wear firefighting attire, protective gloves, safety goggles, protective footwear, and self-contained respiratory gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

- Wear appropriate personal protective equipment (PPE), including eye and skin protection.
- Prevent slips and falls by immediately cleaning any spills from the floor.

ENVIRONMENTAL PRECAUTIONS

- Extinguish all flames and eliminate ignition sources.
- Prevent contamination of surface water and sanitary sewer systems.
- Notify the local water authority immediately if spillage enters any watercourse or drainage system.

CLEANUP PROCEDURES

- Be aware of the potential for spontaneous hazardous polymerization.
- Use eye and skin protection
- Ensure adequate ventilation during cleanup.
- Use an inert absorbent material to soak up the spill.
- Store the absorbed material in a half-filled, closed container pending proper disposal.

SECTION 7. HANDLING AND STORAGE

HANDLING

- Wear appropriate personal protective equipment (PPE).
- Prevent leaks and spills.
- Protect from light and heat.
- Avoid contact with eyes and skin.
- Ensure adequate ventilation.

STORAGE

- Store away from direct sunlight, heat, power sources, fire, and other heat-emitting devices.
- Keep in a dry, cool, well-ventilated area
- Ensure the container remains tightly sealed.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS

If handling generates aerosols or vapors, local exhaust ventilation is recommended. Do not smoke or eat in the work area, and keep the workplace clean.

EXPOSURE LIMITS

No.	Components	Time-weighted average exposure limits (TWA/8hr)	Short-term exposure limits (STEL)	Maximum exposure limits (CEILING)	Biological Standards (BEIs)
1	Prepolymer	-	-	-	-
2	Tetrahydrofurfuryl Acrylate	-	-	-	-
3	2-Ethylhexyl Methacrylate	-	-	-	-
4	Spherical Glass Bead	-	-	-	-
5	Cumene hydroperoxide	-	-	-	-

PERSONAL PROTECTION

- Respiratory Protection: Respiratory equipment and gas mask.
- Eye Protection: Do not wear contact lenses and wash contaminated clothing before reuse. Chemical safety goggles are recommended. Ensure access to eye wash stations and emergency showers.
- Skin/ Hand Protection: Protective, impermeable gloves (general rubber or lined) are recommended. When handling the product, wear protective clothing and closed shoes.
- Hygiene Practices: Wash hands and face thoroughly before eating, drinking, or smoking. Maintain a clean work environment. Undergo regular health checkups as required by workplace policies.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	part A: Milky liquid, part B: Light yellow liquid
Odor	part A: Mild, part B: Not Applicable
pH	Not Applicable
Boiling Point	Not Available
Melting Point	Not Applicable
Flash Point (Closed-cup)	part A: > 120 °C, part B: 79 °C
Vapor Pressure at 20 °C	Not Applicable
Flammable (Solid, Gas)	Not Applicable
Autoignition Temperature	Not Applicable
Solubility in Water	Not Applicable
Explosion Limits	Not Applicable
Density	Not Applicable
Vapor Density	Not Available
Evaporation Rate	Not Available
Octanol-water Partition Coefficient, Kow	Not Applicable

SECTION 10. STABILITY & REACTIVITY

Chemical Stability and Reactivity

Stable and non-reactive under ordinary conditions of use and storage.

Incompatibility

Avoid flammable, ignitable, heat source, spark, flame, strong oxidants, free radical initiators, peroxide, basic materials, and acid materials

Hazardous Polymerization

May occur.

Hazardous Decomposition Products

Carbon monoxide, acetone, aldehyde, ammonia.

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON HAZARD CLASSES AS DEFINED (EC) No 1272/2008

Ingredients:	LD50	LC50	Route of Exposure
Prepolymer	-	-	-
Tetrahydrofurfuryl Acrylate	-	-	-
2-Ethylhexyl Methacrylate	-	-	-
Spherical Glass Bead	-	-	-
Cumene hydroperoxide	382mg/kg (Rat)	200ppm/4H (Mouse)	Oral, Inhalation

INFORMATION ON HAZARD CLASSES AS DEFINED (EC) No 1272/2008

Acute Toxicity (Oral)	Not classified, based on available data
Acute Toxicity (Dermal)	Not classified, based on available data
Acute Toxicity (Inhalation)	Not classified, based on available data
Skin corrosion/irritation	Causes severe skin burns
Serious eye damage/irritation	Causes serious eye irritation
Respiratory or skin sensitisation	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified, based on available data
Carcinogenicity	Suspected of causing cancer
Reproductive Toxicity	Not classified, based on available data
Specific Target Organ Toxicity (Single Exposure)	May cause respiratory irritation
Specific Target Organ Toxicity (Repeated Exposure)	May causes damage to organs through prolonged or repeated exposure
Aspiration hazard	Not classified, based on available data

INFORMATION ON OTHER HAZARDS

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties	The product is not included in the list established in accordance with Article 57(f) of REACH for having endocrine disrupting properties, or is not identified as having endocrine-disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Potential adverse human health effects and symptoms	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecological Toxicity

Prevent from spreading or entering into drains, surface water, groundwater and rivers The product is considered toxic to aquatic organisms and may cause long-term adverse effects in the aquatic

Hazardous to the aquatic environment, short term (acute)

environment.

Not available data

Hazardous to the aquatic environment, long-term (chronic)

Harmful to aquatic life with long lasting effects

Mobility in soil

No available data

Bioaccumulation

No available data

SECTION 13. DISPOSAL CONSIDERATIONS

Waste must be disposed of at a city, state, or federally permitted facility. It must be handled by applicable regulations and/or local authorities. It should be recovered or recycled. It should not be poured into sewers or surface water, and random disposal should be avoided. All containers or absorbents containing resin must be disposed of as hazardous waste.

SECTION 14. TRANSPORT INFORMATION

UN NUMBER OR ID NUMBER

ADR/RID/ADN, IMDG, IATA

Not classified as dangerous goods

PROPER SHIPPING NAME

ADR/RID/ADN

Not applicable

IMDG

Not applicable

IATA

Not applicable

TRANSPORT HAZARD CLASS

Hazard Class

Not applicable

Label

Not applicable

PACKING GROUP

ADR/RID/ADN, IMDG, IATA

ENVIRONMENTAL HAZARDS

Marine pollutant

Not applicable

Special marking (ADR/RID/ADN)

Not applicable

Special marking (IATA)

Not applicable

SPECIAL PRECAUTIONS FOR USER

Not applicable

Hazard identification number (Kemler code)

Not applicable

EMS Number

Not applicable

Stowage Category

Not applicable

MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS

Not applicable

Transport/Additional information

ADR/RID/ADN

Limited quantities (LQ)

Not applicable

Excepted quantities (EQ)

Not applicable

Transport category

Not applicable

Tunnel restriction code

Not applicable

UN "Model Regulation"

Not applicable

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

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**Directive 2012/18/EU (Seveso III Directive) – Annex I: Named Dangerous Substances**

None of the ingredients is listed.

REGULATION (EC) No. 1907/2006 – Annex XVII: Restricted Substances

No restrictions

Directive 2011/65/EU (RoHS Directive) – Annex II: Restricted Substances in Electrical and Electronic Equipment

Substance is not listed.

Traffic Regulation

Occupational Safety and Health Act

Regulation of Labelling and Hazard Communication of Dangerous and Harmful Materials

Standards of Permissible Exposure Limits of Airborne Hazardous Substances in Workplace

Management Regulations for the Import, Export, Transit and Transshipment of Waste

Public Hazardous Materials and Flammable Pressurized Gases Establishment Standards and Safety Control

Procedures

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 on the mentioned date. Neither CAPLINQ Corporation nor CAPLINQ Europe BV accepts 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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