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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name LINQBOND™ PM-1211
Applications: Transparent two-part condensed silicone rubber
Advised Against No further relevant information available
Supplier Name Caplinq Europe BV

CAPLINQ Europe BV
 Industrieweg 15E
 1566 JN Assendelft
 The Netherlands
 +31 20 893 2224

CAPLINQ Corporation
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 Ottawa, ON K2S 2C9
 Canada
 +1 (613) 416 8426

CAPLINQ Americas
 36972 Schoolcraft Rd
 Livonia, MI 48150
 United States of America
 +1 (618) 416 9739

CAPLINQ Malaysia
 S-08-07 Setia Triangle
 Penang, BL 11900
 Malaysia
 +60 (15) 460 00453

SECTION 2. HAZARDS IDENTIFICATION

HAZARD CLASS

Skin Corrosion
 Serious Eye Damage
 Skin Sensitization
 Specific target organ toxicity, single exposure
 Flammable liquids
 Acute toxicity, inhalation

HAZARD CATEGORY

Category 1B
 Category 1
 Category 1
 Category 3
 Category 3
 Category 4

SIGNAL WORD

Danger

HAZARD PICTOGRAM



HAZARD STATEMENTS

H226 Flammable liquid and vapor
 H314 Causes severe skin burns and eye damage
 H332 Harmful if inhaled
 H335 May cause respiratory irritation
 H318 Causes serious eye damage.
 H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking.
 P233 Keep the container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof ventilating equipment.
 P242 Use only non-sparking tools.
 P260 Do not breathe vapors.
 P261 Avoid breathing vapors.

P264+P265 Wash hands [and ...] thoroughly after handling. Do not touch your eyes.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

RESPONSE PRECAUTIONARY STATEMENTS

P303+P361+P354 IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P316 Get emergency medical help immediately.
P321 Specific treatment (see ... on this label).
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P332+P317 If skin irritation occurs: Get medical help.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use ... to extinguish.

STORAGE PRECAUTIONARY STATEMENTS

P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

DISPOSAL PRECAUTIONARY STATEMENTS

P501 Dispose of contents or container to approved waste disposal.

SECTION 3. INGREDIENT COMPOSITION

Part A

No.	Components	CAS Reg. No.	Proportion (%)
1	Silicone Rubber	63148-60-7	50-85
2	Dimethyl Silicone Oil	9006-65-9	0-15

Part B

No.	Components	CAS Reg. No.	Proportion (%)
1	Ethyl Silicate	78-10-4	60-85
2	Dimethyl Silicone Oil	9006-65-9	10-35
3	Aminopropyltriethoxysilane	919-30-2	1-5
4	Dibutyl tin dilaurate	77-58-7	1-5

SECTION 4. FIRST AID MEASURES

EYE CONTACT

- After eye contact: rinse out with plenty of water. Immediately call the ophthalmologist. Remove contact lenses.

SKIN CONTACT

- In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Call a physician immediately.

INHALATION

- Move victim to fresh air. If symptoms persist, seek medical attention.

INGESTION

- After swallowing: make the victim drink water (two glasses at most), avoid vomiting (risk of perforation). Call a physician immediately. Do not attempt to neutralize.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA**Suitable extinguishing media**

- Carbon dioxide (CO₂) Foam Dry powder

Unsuitable extinguishing media

- For this substance/mixture no limitations of extinguishing agents are given.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Carbon oxides
- silicon oxides
- Combustible.
- Vapors are heavier than air and may spread along floors.
- Forms explosive mixtures with air at elevated temperatures.
- Development of hazardous combustion gases or vapours possible in the event of fire.

ADVICE FOR FIREFIGHTERS

- In the event of fire, wear self-contained breathing apparatus.

FURTHER INFORMATION

Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air. Remove the container from the danger zone and cool with water. Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the groundwater system.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION PRECAUTION: Avoid eye contact. Keep the container sealed. 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.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING**Advice on safe handling**

- Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Advice on protection against fire and explosion

- Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures

- Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with substance.
- For precautions see section 2.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES**Storage conditions**

- Store under nitrogen.
- Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.
- Moisture sensitive.

Storage class

- Storage class (TRGS 510): 3: Flammable liquids

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS

- Ingredients with workplace control parameters

EXPOSURE CONTROLS**Personal protective equipment****Eye/face protection**

Safety goggles

Hand protection

Please contact the supplier of CE-approved gloves.

Material of gloves

Material: butyl-rubber (full contact); Viton (splash contact)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

Body Protection

Protective clothing

Respiratory protection

Required when dusts are generated.

Recommended Filter type: Filter type ABEK

Control of environmental exposure:

Do not let product enter drains. Risk of explosion

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless viscous liquid (Part A) Transparent viscous liquid (Part B)
Odor	Mild mellow odor
pH	Not available
Initial Boiling Point/Boiling Ranges	Not available
Flash Point	Not available
Viscosity	4000–12000 cP (Part A)/ 200–600 cP (Part B)
Vapour Pressure (mmHg at 25 °C)	Not available
Evaporation Rate (Butyl Acetate = 1)	Not applicable

SECTION 10. STABILITY & REACTIVITY

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

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

Hazardous Polymerization: No hazard at room temperature.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity: No information found

Reproductive Effect: No information found

Chronic Effects: No information found

Target Organs: No information found

Eye Contact: Causes severe eye damage

Ingestion: Harmful if swallowed

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

Skin Contact: Causes severe skin burns.

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

UN NUMBER**TETRAETHYL SILICATE**

ADR/RID: 1292	IMDG: 1292	IATA: 1292
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AMINES, LIQUID, CORROSIVE, N.O.S. (Triethoxy(3-aminopropyl)silane)

ADR/RID: 2735	IMDG: 2735	IATA: 2735
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UN PROPER SHIPPING NAME**TETRAETHYL SILICATE**

ADR/RID: 1292	IMDG: 1292	IATA: 1292
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AMINES, LIQUID, CORROSIVE, N.O.S. (Triethoxy(3-aminopropyl)silane)

ADR/RID: 2735	IMDG: 2735	IATA: 2735
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TRANSPORT HAZARD CLASSES**TETRAETHYL SILICATE**

ADR/RID: 3	IMDG: 3	IATA: 3
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AMINES, LIQUID, CORROSIVE, N.O.S. (Triethoxy(3-aminopropyl)silane)

ADR/RID: 8	IMDG: 8	IATA: 8
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PACKAGING GROUP**TETRAETHYL SILICATE**

ADR/RID: III

IMDG: III

IATA: III

AMINES, LIQUID, CORROSIVE, N.O.S. (Triethoxy(3-aminopropyl)silane)

ADR/RID: II

IMDG: II

IATA: II

ENVIRONMENTAL HAZARDS**TETRAETHYL SILICATE**

ADR/RID: yes

IMDG Marine pollutant: yes

IATA: no

AMINES, LIQUID, CORROSIVE, N.O.S. (Triethoxy(3-aminopropyl)silane)

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

SPECIAL PRECAUTIONS FOR USER**TETRAETHYL SILICATE**

Tunnel restriction code : (D/E)

Further information : No data available

AMINES, LIQUID, CORROSIVE, N.O.S. (Triethoxy(3-aminopropyl)silane)

Tunnel restriction code : (E)

Further information : No data available

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

This material safety data sheet complies with the requirements of Regulation (EC) No.1907/2006.

National legislation

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.: FLAMMABLE LIQUIDS

Other regulations

Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable.

Take note of Dir 94/33/EC on the protection of young people at work.

SECTION 16. OTHER INFORMATION

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