

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name OPTOLINQ PM-4911
Applications Potting sealant
Advised Against No further relevant information available
Supplier Name Caplinq Europe BV

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SECTION 2. HAZARDS IDENTIFICATION

PROPOSED CLASSIFICATION: Irritant

HAZARD PICTOGRAM



SIGNAL WORD

Warning

HAZARD STATEMENTS

P302 Harmful if swallowed
P315/320 Irritate to eyes and skin

PRECAUTIONARY STATEMENTS

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P338 Removes contact lenses if present and easy to do. Continue rinsing.
P351 Rinse cautiously with water for several minutes.
P352 Wash with plenty of soap and water.

POTENTIAL HEALTH EFFECTS

Eye Contact May cause mild eye irritation.
Ingestion Repeated ingestion or swallowing of large amounts may cause internal injury.
Inhalation This may cause minimal respiratory tract irritation.
Skin Contact Repeated or prolonged exposure may cause irritation.

SECTION 3. INGREDIENT COMPOSITION

Part A

No.	Component	CAS Reg. No.	Proportion (%)
1	Vinyl terminated polydimethylsiloxane	68083-18-1	98-99
2	Platinum catalyst	–	0.1–2

Part B

No.	Component	CAS Reg. No.	Proportion (%)
1	Vinyl terminated polydimethylsiloxane	68083-18-1	97–99
2	Inhibitor	–	0.1–3

SECTION 4. FIRST AID MEASURES**EYE CONTACT**

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

SKIN CONTACT

- Immediately flush with plenty of water and wipe with a dry towel.
- If irritation persists, it is recommended to get medical attention immediately.

INHALATION

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

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**

- In the event of a fire, utilize dry chemicals, foam, or water mist to extinguish
- Use carbon dioxide, dry chemicals, or water mist for low fires.
- Put on a self-contained breathing apparatus and protective clothing. Assess if evacuation or quarantine of the area is necessary according to local emergency procedures.

SECTION 6. ACCIDENTAL RELEASE MEASURES**LEAK/SPILL**

- In case of a leakage, use sand, earth, or inert materials to contain and control it.
- Avoid eye contact, avoid inhaling aerosol, and keep the container sealed.
- Ensure proper cleanup of the spill area, especially as silicone items can create slippery hazards even in small amounts. Use steam, solvent, or detergent for the final cleaning process.
- 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.
- Wash your hands after the operation, especially before eating.

STORAGE

- Store in a cool (air-conditioned 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 Information is available.

VENTILATION

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

PERSONAL PROTECTION

- **Respiratory Protection:** Organic vapor canisters or canister respiratory protectors should be used.
- **Eye/Skin Protection:** Chemical safety splash goggles, eyewash equipment, and gloves (general rubber or lined) are recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Transparent Liquid (Part A)/ Transparent Liquid (Part B)
Odor	Slight Odor
pH	Not Applicable
Initial Boiling Point/Boiling Ranges	Not Applicable
Flash Point	Not Applicable
Flammability	Not Applicable
Vapor Pressure	Not Applicable
Specific Gravity	0.92±0.05 (Part A) / 0.92 ±0.05 (Part B)
Vapour Pressure (mmHg At 25°C)	Not Applicable
Solubility	Not Soluble In Water
Vapour Density (Air = 1)	Not Applicable
Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Explosiveness Properties	Not Explosive
Oxidizing Properties	Not Oxidizing

SECTION 10. STABILITY & REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Reactivity: Contact with incompatible substances can cause decomposition or other chemical reactions.

Conditions to avoid: Avoiding exposure to heavy metals, nitrogen, sulfur, phosphorus and other substances will prevent normal polymerization.

Decomposition Products: Carbon dioxide, carbon monoxide, silicon dioxide

Hazardous Polymerization: No hazard at room temperature.

SECTION 11. TOXICOLOGICAL INFORMATION

Health Hazards: No information found.

Toxicity: 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: Do not foresee harmful effects on aquatic organisms.

Environmental Toxicity: Solid items that are insoluble in water typically do not signify harmful effects.

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)

ADR, RID Class: Not regulated

Maritime transport IMDG

IMDG Class: Not subject to IMDG classification

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class: Not subject to IATA 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

International Chemical Inventory

Component	EINECS	TSCA	DSL	IECS C	NZIoC	PICCS	KECI	AICS	ENCS
Part A	✓	✓	✓	✓	✓	✓	✓	✓	✓
Part B	✓	✓	✓	✓	✓	✓	✓	✓	✓

European Chemical Inventory

Components	Vinyl terminated polydimethylsiloxane	Platinum catalyst
A	✓	✓
B	✓	✓
C	✓	✓
D	✓	✓
E	✓	✓
F	✓	✓
G	✓	✓

- A Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
- B Substances requiring authorization under EU REACH regulation
- C Substances restricted under EU REACH
- D Pre-registered substances under EU REACH
- E Registered substances under EU REACH
- F Substance Evaluation – CoRAP under EU REACH
- G List of priority substances under EU water policy Directive 2455/2001/EC)

Note

“✓” indicates that the substance is included in the regulations.

SECTION 16. OTHER INFORMATION

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ABBREVIATIONS AND ACRONYMS

REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
EINECS	European Inventory of Existing Commercial Chemical Substances
TSCA	United States Toxic Substances Control Act Inventory
DSL	Canadian Domestic Substances List
IECSC	China Inventory of Existing Chemical Substances
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippines Inventory of Chemicals and Chemical Substances
KECI	Existing and Evaluated Chemical Substances
AICS	Australia Inventory of Chemical Substances
ENCS	Existing And New Chemical Substances