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MATERIAL SAFETY DATA SHEET – OPTOLINQ™ OLS-5291B

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : OPTOLINQ™ OLS-5291B
SUPPLIER NAME : CAPLINQ Europe B.V. CAPLINQ Corporation
Industrieweg 15 C 957 Snowshoe Crescent
1566 JN Assendelft Ottawa, ON K1C 2Y3
The Netherlands Canada
+31 (20) 893 2224 +1 (613) 482 2215
MSDS NUMBER : OPTOLINQ™ OLS-5291A
CHEMICAL NAME : SILICONE BASED Two Part Coating Resin
CAS NUMBER : Not applicable
TRADENAME : OPTOLINQ SILICONE-BASED Two Part Coating Resin
CAPLINQ PRODUCT ID : Optolinq OL-5291B

2. COMPOSITION

COMPOSITION AND CHARACTERIZATION OF THE PRODUCT:

Organopolysiloxane mixture

3. HAZARD IDENTIFICATION

HAZARDS CLASSIFICATION:

Based on IMO ; None

FIRE AND EXPLOSION:

Not considered flammable nor combustible, but will burn if involved in fire.
Contact with acidic, basic or oxidizing materials generates flammable and explosive hydrogen gas.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SKIN contact ; May cause slight skin irritation, but no significant effect
EYES contact ; May cause slight eyes irritation
INGESTION ; No information available

SAFETY PHRASES:

This product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2 Keep out of the reach of children.
16 Keep away from sources of ignition - No smoking.



- 23 Do not breathe vapour/spray.
- 24 Avoid contact with skin.
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 51 Use only in well-ventilated areas.

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES:

Rinse opened eye with water for 15 minutes. If irritation persists consult a physician.

SKIN:

Remove product from skin with dry cloth or towel and wash exposed area with water and soap. If irritation persists consult a physician.

INHALATION:

Supply fresh air. In case of complaints consult a physician.

INGESTION:

Wash out mouth with water. Call for medical help immediately

NOTES TO PHYSICIAN:

Treat based on symptoms

5. FIRE FIGHTING MEASURES

FLASH POINT

Open cup ; 150 degrees Celcius

Closed cup ; > 94 degrees Celcius

SUITABLE EXTINGUISHING MEDIA

Foam, dry chemical or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES:

None

UNUSUAL FIRE AND EXPLOSION HAZARD:

None

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain the spill or leak. Scrape up with cardboard or rag and place in container.

In case of release or spill pay attention to generation of hydrogen gas by contaminants.

7. HANDLING AND STORAGE

HANDLING AND STORAGE:

Keep container closed when not in use

Store in a cool place (below 5 degrees Celcius)

Vent container properly to eliminate internal pressure

Keep away from heat and flame

Keep container in upright position
Avoid prolonged breathing vapor
Avoid contact with eyes and skin
Avoid contact with acidic, basic or oxidizing materials
Keep out of reach of children

PACKAGING:

Do not re-use container
Keep away from heat, sparks and flame
Do not puncture or cut container and do not weld on or near container

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Not established

EXPOSURE CONTROLS:

Personal protective equipment:

General protective and hygienic measures:

Wash hands after handling

Respiratory protection:

Not required

Protection of hands:

Plastic film gloves

Protection of eyes:

Safety glasses



Other protective equipment:

Protection of eyes:

Eyewash equipment

Ventilation:

Local exhaust recommended

Adequate ventilation system

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:

-Form: Fluid
-Colour: Colorless, transparent

Odor: Slight odor

Specific gravity at 25 °C: 1.08

PH-value: Not determined

Change in condition:

-Melting point/Melting range: Not applicable

Flash point: 150 °C

Flammability (solid, gaseous): Not applicable

Decomposition temperature: Not determined

Self-igniting: Product is not self-igniting

Danger of explosion: Product is not explosive



Vapor pressure at 25 °C:	Negligible
Vapor density (air=1):	Not applicable
Evaporation rate (butyl acetate=1):	Negligible
Solubility in water:	Not soluble

9.2 Other information: No further relevant information available.

10. STABILITY AND REACTIVITY

STABILITY:

Thermal decomposition / Stability: Unstable
Conditions to be avoided: Avoid contact with acidic, basic or oxidizing materials

INCOMPATIBILITY (MATERIALS TO AVOID):

Acidic, basic or oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS:

Flammable hydrogen gas

HAZARDOUS POLYMERIZATION:

May occur

CONDITIONS TO AVOID:

Contact with acidic, basic or oxidizing materials

11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION + EYE IRRITATION:

No information available

ACCUTE TOXICITY:

No information available

CARCINOGEN STATUS:

IARC ; Not listed

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

No further relevant information available.

Bio accumulative potential:

No further relevant information available.

Mobility in soil:

No further relevant information available.

Additional ecological information:

No further relevant information available.

Other adverse effects:

No further relevant information available.

13. DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD:

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.
Do not dispose the emptied container unlawfully.
Observe all international, national and local law.

14. TRANSPORT INFORMATION

UN NUMBER:

- ADR, IMDG, IATA None

UN proper shipping name

- ADR, IMDG, IATA None

Transport Hazard class(es)

- ADR, IMDG, IATA None

Packaging group

- ADR, IMDG, IATA None

Additional Information

No further relevant information available.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Research & Development

Contact: Christopher A. Perabo

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport 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 Harmonized System of Classification and Labelling of Chemicals

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

IMO: International Maritime Organization

IARC: International Agency for Research on Cancer

MSDS Revision Date: 11 January 2015