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MATERIAL SAFETY DATA SHEET – OPTOLINQ™ OLS-5291A

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : OPTOLINQ™ OLS-5291A
SUPPLIER NAME : CAPLINQ Europe B.V. CAPLINQ Corporation
Industrieweg 15 C 957 Snowshoe Crescent
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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-5291A

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.

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 ; 230 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

7. HANDLING AND STORAGE

HANDLING AND STORAGE:

Keep container closed when not in use

Store in a cool place (below 5 degrees Celcius)

Keep away from heat and flame

Keep container in upright position

Avoid contact with eyes and prolonged or repeated skin contact

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:

Not required

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:

230 °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: Stable
Conditions to be avoided: None

INCOMPATIBILITY (MATERIALS TO AVOID):

None reasonably expected

HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID:

None

11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION + EYE IRRITATION:

No information available

ACUTE 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.

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