

PROLOC MARINE LINE 200 MARINE SILICONE

01 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade Name : PROLOC MARINE LINE 200 MARINE SILICONE
Company : Akkim Yapı Kimyasalları San. Tic. ve A.Ş.
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02 HAZARDS IDENTIFICATION

2.1. Hazard Description: Not applicable.

No hazard classification according to Directive CLP and 1999/45/EC.

2.2. Classification of the GHS

(Annex VI to Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Dangerous Substances)

Chemical safety assessment is not needed, because product includes non-hazardous substances.

2.3. Label Elements (According Regulation 1272/2008 (CLP))**2.3.1. Precautionary Statements**

P102-Keep out of reach of children.

P271-Use only outdoors or in a well-ventilated area.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

2.3.2. Special labeling of certain preparations:

Contains butan-2-one O,O',O''-(methylsilyldiylne)trioxime, butan-2-one O,O',O''-(vinylsilyldiylne)trioxime, 2-butanone oxime.

May produce an allergic reaction.

Ozone depleting chemicals: No ozone depleting chemicals are present or used in manufacture.

Safety data sheet available for professional user on request.

2.4. Information Concerning Particular Hazards for Human and Environment

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2.5. Additional Informations

Please look over section 11 for toxicological information. Full text of H- and EUH- phrases: See section 16.

03 COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of substances listed below with nonhazardous additions.

Ingredients	CAS No.	EINECS No.	Conc. (% w/w)	Classification
Tris(acetyloxy)ethylsilane	17689-77-9	241-677-4	1-4	Acute Tox.4; H302
Methyltriacetoxysilane	4253-34-3	224-221-9	1-4	Skin Corr.2; H315 Serious Eye D.2; H319
Dimethylsiloxane, hydroxy-terminated	70131-67-8	N/A	70-90	Skin Irrit.2; H315 Eye Irrit. 2; H319
Polydimethylsiloxane	63148-62-9	N/A	1-10	Skin Irrit.2; H315 Eye Irrit. 2; H319
Hydrophilic fumed silica(SiO2)	112945-52-5	N/A	1-10	Skin Irrit.2; H315 Eye Irrit. 2; H319
Dibutyltin di(acetate)	1067-33-0	213-928-8	0,001-0,1	Acute Tox.4; H302 Skin Corr. 1B; H314

04 FIRST AID MEASURES

- 4.1. **General Information:** No special measures required.
- 4.2. **After Inhalation:** Supply fresh air; consult doctor in case of complaints.
- 4.3. **After Skin Contact:** If skin irritation continues, consult a doctor.
- 4.4. **After Eye Contact:** Rinse opened eye for several minutes under running water.
- 4.5. **After Swallowing:** If symptoms persist consult doctor.

05 FIRE FIGHTING MEASURES

- 5.1. **Suitable Extinguishing Agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2. **Protective Equipment:** Mouth respiratory protective device.

06 ACCIDENTAL RELEASE MEASURES

- 6.1. **Person-Related Safety Precautions:** Ensure adequate ventilation.
- 6.2. **Measures for Environmental Protection:** Do not allow to enter sewers/ surface or ground water.
- 6.3. **Measures for Cleaning/Collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4. **Additional Information:** No dangerous substances are released.

07 HANDLING AND STORAGE

- 7.1. **Handling:**
- 7.1.1. **Information for Safe Handling:** Use only in well ventilated areas.
- 7.1.2. **Information about Fire and Explosion Protection:** No special measures required.
- 7.2. **Storage:**
- 7.2.1. **Requirements to be Met by Storerooms and Receptacles:** No special requirements.
- 7.2.2. **Information about Storage in one common Storage Facility:** Not required.
- 7.2.3. **Further Information about Storage Conditions:** None.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Personal Protection Equipment:

- General protective and hygiene measures
- Take care for sufficient ventilation or exhaust on the workshop place
- Avoid contact with eyes and skin
- Use barrier skin cream
- Remove soiled or soaked clothing immediately
- Do not eat, drink or smoke during work time
- Wash hands before breaks and after work

8.2. Hand Protection:

Butyl rubber/nitrile rubber gloves

8.3. Eye Protection:

Safety glasses

8.4. Additional Information:

Wash hands before eating, drinking, smoking and using the toilet.

09 PHYSICAL AND CHEMICAL PROPERTIES**9.1. General Information****Form** : Paste**Odour** : Acetic acid**Colour** : Various colours**Explosive properties** : No**Specific Gravity** : 1,02± 0,03 g/ml and 1,20± 0,03 g/ml**Oxidizing properties** : No**Stability**: Stable under normal usage conditions.**10 STABILITY AND REACTIVITY****10.1. Thermal Decomposition / Conditions to be Avoided:** No decomposition if used according to specifications.**10.2. Dangerous Reactions:** No dangerous reactions known.**10.3. Dangerous Decomposition Products:** Acetic acid.**11 TOXICOLOGICAL INFORMATION****11.1. Acute Toxicity**

Tris(acetyloxy)ethylsilane	LD50 (rat): 1.462 mg/kg
Methyltriacetoxysilane	LD50 (rat): 2.060 mg/kg
Distillates(petroleum)	LD50 (rat): > 5.000 mg/kg

11.2. Primary Irritant Effect:**11.2.1. On the Skin:** Can irritate on prolonged or repeated contact.**11.2.2. On the Eye:** Vapors released during curing may cause eye irritation.**11.2.3. On Ingestion:** Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.**11.2.4. Other Health Hazard Information:** This product contains hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.**12 ECOLOGICAL INFORMATION****12.1. Environmental Fate and Distribution**

Solid material, insoluble in water. No adverse effects are predicted.

12.2. Ecotoxicity Effects

No adverse effects on aquatic organisms are predicted.

12.3. Bioaccumulation

No bioaccumulation potential.

12.4. Fate and Effects in Waste Water Treatment Plants

No adverse effects on bacteria are predicted.

13 DISPOSAL CONSIDERATIONS**13.1. Product Disposal:** Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.**13.2. Packaging Disposal:** Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

14 TRANSPORT INFORMATION**ADR**

This material is not classified as dangerous under ADR regulations.

RID

This material is not classified as dangerous under RID regulations.

IMDG

This material is not classified as dangerous under IMDG regulations.

IATA

This material is not classified as dangerous under IATA regulations.

15 REGULATORY INFORMATION**15.1. Safety, Health and Environmental Regulations Specific for the Preparations**

- Regulation (EC) No 1907/2006, (REACH)
- Regulation (EC) No 1272/2008, (CLP)
- Directive 1999/45/EC, (DPD)
- ADR-European Agreement Concerning the International Carriage of Dangerous Goods by Road

16 OTHER INFORMATION**16.1. Indication of Changes to the Previous Version**

Date Prepared: 01.09.2013

Revision No: 2.1

Revision Date: 23.12.2014

16.2. Abbreviations and Acronyms

CLP: Classification, labelling and packaging.

GHS: Globally harmonized system of classification and labelling of chemicals.

ADR: European agreement concerning the Int. carriage of dangerous goods by road.

IATA: International air transport association.

ICAO: International civil aviation organization.

IMDG: International maritime code for dangerous goods.

CAS No: Chemical abstract service index number.

EC50: Half maximal effective concentration.

LC50: Median lethal concentration.

LD50: Median lethal dose.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

EUH208: Contains<2-butanone oxime>. May produce an allergic reaction.

16.3. Further Information

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. The company supplying entity shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

Department issuing SDS: Product safety department.

Contact: Product safety department info@prolocmarine.com