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OLYMPUS
Marketing, Inc.

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Poly Klear
FIBERGLASS + RESIN**MATERIAL SAFETY DATA SHEET**
POLYKLEAR SILICONE OIL**1. IDENTIFICATION OF MATERIAL AND SUPPLIER**

Product Name:	POLYKLEAR SILICONE OIL
Other Name:	POLYDIMETHYLSILOXANE
CAS-No.:	63148-62-9
Identified uses:	Laboratory chemicals, manufacture of substances
Company Name:	SEA Olympus Marketing Inc.
Address:	SEA Olympus Marketing Inc. SEA Olympus Marketing Inc. Bldg., A.C. Cortes Avenue, Mandaue City, Cebu Philippines 6014

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance of mixture**

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
Chronic aquatic toxicity (Category 4)

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram none

Signal word none

Hazard stagement(s) May cause long lasting harmful effects to aquatic life H413

Precautionary statement(s) none

2.3 Other hazards - none**LUZON:**

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Tel.#: (02) 506-8519 ; 837-0710
837-0708

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CEBU
2F SEA Olympus Building, AC Cortes Ave.
Trunkline #: (032) 421-7777
Tel.#: (032) 346-7137 ; 421-7800 to 06
421-7817 to 18 ; 421-7823
Fax #: (032) 421-7789 ; 346-1817

MINDANAO:

REGIONAL OFFICE
DAVAO
Unit A16 J.King Warehouse Complex
Km.3 Maa Road, Davao City 8000
Telefax #: (082) 244-1206 ; 302-2711

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3. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	Concentration
Polydimethylsiloxane	100%
CAS-No.: 63148-62-9	

Synonyms: Dimethylpolysiloxane

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as precaution

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of immediate medical attention and special treatment needed

No data available

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special hazards arising from the substance or mixture

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Nature of decomposition products not known

Precautions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary

Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. Ensure adequate ventilation

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal, see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end uses

No data available

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Components with work place control parameters

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it.

Body protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG(US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: clear liquid
b) Odour	Colour: colourless
c) Odour Threshold	Odourless
d) pH	No data available
e) Melting/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	321°C – closed cup
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or Explosive limits	No data available
k) Vapour pressure	7hPa at 20°C
l) Vapour density	No data available
m) Relative density	0.980 g/cm ³
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity	No data available
10.2 Chemical stability	No data available
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	No data available
10.5 Incompatible materials	Strong oxidizing agents
10.6 Hazardous decomposition products	No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available

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Carcinogenicity-rat-Implant

Tumorigenic: Neoplastic by RTECS criteria. Lungs, Thorax, or Respiration:
Tumors.

Endocrine: Tumors

IARC: No component of this product present at levels greater than or equal to
0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Reproductive toxicity – rat – Subcutaneous

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed
implants per total number of implants).

Specific target organ toxicity – single exposure

Specific target organ toxicity – repeated exposure

Aspiration hazard

No data available

No data available

No data available

Potential health effects

Inhalation

Maybe harmful if inhaled. May cause respiratory tract
irritation.

Ingestion

Maybe harmful if swallowed.

Skin

Maybe harmful if absorbed through skin. May cause
skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have
not been thoroughly investigated.

Additional Information

RTECS:TQ2690000

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish LC50-Oncorhynchus mykiss (rainbow trout) -> 10,000mg/l-96h

12.2 Persistence and degradability

12.3 Bioaccumulative potential

Bioaccumulation Hypophthalmichthys molitrix – 72h-60µg/l

Bioconcentration factor (BCF):1.250

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 Road and Rail Transport

Applicable

14.2 Sea Transport (IMDG)

Not subject to IMDG code.

14.3 Air Transport (IATA)

Not subject to IATA regulations

14.4 Special Requirements and Additional Information: None

15. REGULATORY INFORMATION

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

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

No data available

15.2 Chemical Safety Assessment

No data available

16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Disclaimer: The information in this safety data sheet is given in good faith and is believed to be valid and accurate at the time of publication. However, no responsibility is accepted for accident or injury which may occur from omissions or from information contained in the data sheet. ©22

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