

MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPERT® MOLY M77 PASTE**
MSDS No: 168 Revision No: 0

Issued by: Yogesh
Issue Date: 15 October 2015

Section 1 – Company Details

Company Name: SealXpert Products
Address: 60 Kaki Bukit Place #09-11 Eunos Techpark
Singapore 415979

Tel: +65 6742 4992/6742 4998
Fax: +65 6749 6916
Email: mailbox@sealxpert.com

Section 2 – Composition

Chemical characterization: Molybdenum disulfide grease

Ingredient	CAS NO.	Content (Wt%)
PolyPhenylMethyl Siloxane Oil	63148-58-3	<50.0
Molybdenum disulphide	1317-33-5	10.0 – 30.0
Lithium soap	7620-77-1	<20.0

Section 3 – Hazardous Identification

Not hazardous.

Section 4 – First Aid Measures

Eye contact: No first aid should be needed.
Skin contact: No first aid should be needed.
Inhalation: Remove to fresh air.
Ingestion: No first aid should be needed.

Section 5 – Fire Fighting Measures

Suitable extinguishing media: On large fires use dry chemical, foam or water spray (fog). On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Unsuitable extinguishing media: None known.

Hazards during firefighting: None known.

Hazardous combustion products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Sulphur products.

Special protective equipment/procedures: A self-contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Section 6 – Accidental Release Measures

Personnel precautions: Wear proper protective equipment.

Environmental precautions: Do not allow large quantities to enter drains or surface waters.

Spill cleanup measures: Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface.

Section 7 – Handling and Storage

Handling: Avoid eye contact. Local ventilation is recommended. General ventilation is recommended. Do not empty into drains. Do not breathe vapour.

Storage: Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Keep away from acids, oxidizers.

Hygiene practices: Wash thoroughly after handling.

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Section 8 – Exposure Controls / Personal Protection

Eye protection: Wear safety glasses or vented safety goggles.
Skin protection: Wear rubber or plastic gloves.
Respiratory system protection: Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded.
Depending on the working conditions, wear a respiratory mask with filter(s) B or use a self-contained respirator.

Section 9 – Physical and Chemical Characteristics

Form : Paste
Color : Charcoal
Odor : Slight
Explosive properties : No
Specific gravity : 1.9
Oxidizing properties : No

Section 10 – Stability and Reactivity

Stability: Stable under normal usage conditions.
Hazardous polymer: None known.
Materials to avoid: Can react with strong oxidizing agents.
Hazardous decomposition products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Sulphur products.

Section 11 – Toxicological Information

Acute toxicity:
Eyes contact: May cause temporary discomfort.
Skin contact: No adverse effects are normally expected.
Inhaled: No adverse effects are normally expected.
Ingestion: No adverse effects are normally expected.

Chronic toxicity:
Skin contact: No adverse effects are normally expected.
Inhaled: No adverse effects are normally expected.
Ingestion: No adverse effects are normally expected.

Toxic kinetics, metabolism and distribution: No specific information is available.
Other health hazard information: This product contains (a) powder(s) hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.

Section 12 – Ecological Information

Ecotoxicity effects: No adverse effects on aquatic organisms are predicted.
Persistence and degradability: Solid material, insoluble in water. No adverse effects are predicted.
Bioaccumulation: No bioaccumulation potential.
Release to waters / Mobility in soil:
Fate and effects in waste water treatment plants: No adverse effects on bacteria are predicted.

Section 13 – Disposal Considerations

Special instructions: Observe all federal, state and local laws and regulations.

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Section 14 – Transportation Information

Transportation: Not classified as Dangerous Goods according to Singapore Code for Transport of Dangerous Goods by Road, Rail and Air.

Section 15 – Regulatory Information

Observe the governmental or local regulations to use the product safely.

Section 16 – Other Information

Discard contaminated clothing immediately. Maintain clean equipment and work areas. Avoid inhalation of fumes. Wipe up spills immediately.

Warning to users:

This data sheet completes the technical notices but does not supersede them. The information contained in it is grounded to the statement of our knowledge of the product concerned at the publishing date.

Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed. It does not stop in any case the user knowing and following the whole regulatory texts related to his activity. He will be the sole responsible of the precautions related to the use of the products he knows.

The aim of the whole regulatory prescriptions mentioned is to help the receiver to fulfill his duties when using the product. This list must not be considered as exhaustive. It does not stop the user from making sure that he complies with the written obligations other than those previously cited and which rule the fact of keeping and using the product for which he is the sole responsible person.