

MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPERT[®] MOLY GN PASTE**

MSDS no: 169

Revision no: 0

Issue Date: 1 Feb 2016

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

INGREDIENTS	CAS N°	%
Distilled (petroleum), solvent-refined light paraffinic	64741-89-5	>= 30- < 50
Molybdenum sulfide	1317-33-5	>= 10- < 20
Ethylene distearylamine	110-30-7	>= 1- < 5
Aluminum orthophosphate	7784-30-7	>= 1- < 5
Amorphous fumed silica	112945-52-5	>= 1- < 5

Section 3 – Hazardous Identification

No data available

Section 4 – Emergency and First Aid Response

Inhalation:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Skin:	Wash with water and soap as a precaution. Get medical attention if symptoms occur.
Eye:	Flush eyes with water as a precaution. Get medical attention if irritation develop and persist.
Swallow:	DO NOT induce vomiting, consult a doctor. Get medical attention if symptoms occur. Rinse mouth thoroughly with water

Section 5 – Fire and Explosion Hazard Data

Suitable extinguishing media:	Water spray, alcohol-resistant foam, carbon dioxide (CO ₂), dry chemical
Specific hazards during fire-fighting:	Expose to combustion products may be a hazard to health.
Hazardous combustion products:	Carbon oxides, Metal oxides. Sulphur oxides, Nitrogen oxides (NO _x), Silicon oxides
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for firefighters:	In the event of fire, wear self- contained breathing apparatus. Use personal protective equipment.

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Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions : Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g. by containment or oil barriers)
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillage cannot be contained.

Methods for cleaning up : Soak up with inert absorbent material
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.
Clean up remaining materials from spill with suitable absorbent.
Local or national may apply to release and disposal of this materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.
Section 13 and 15 of this MDS provide information regarding certain local or national requirements

Section 7 – Handling and Storage

Handling : Handle in accordance with good industrial hygiene and safety practice.
Take care to prevent spills, waste and minimize release to the environment.

Local/Total ventilation: Use only with adequate ventilation.

Conditions for safe storage: Keep in properly labeled containers.
Store in accordance with the particular national regulations.

Materials to avoid : Do not store with the following product types:
Strong oxidizing agents

Section 8 – Exposure Controls / Personal Protection

Respiratory protection: General and local exhaust is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (39 CFR 1910. 134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection: Wash hands before breaks at the end of workday.

Hygiene measures: Ensure that eye flushing systems and safety showers are located close to the working place.
When using do not eat, drink or smoke.
Wash contaminated clothing before re-use.
These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

Eye Protection: Wear the following personal protective equipment:
Safety goggles

Skin and body Protection : Skin should be washed after contact,

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Section 9 – Physical and Chemical Characteristics

Appearance:	Paste	Auto-ignition temperature :	N/A
Colour :	Dark Grey	pH:	N/A
Odour :	Slight	Evaporation rate :	N/A
Relative Density :	1.35	Boiling point :	N/A
Flash point:	173°C Method: closed cup	Vapour Pressure :	N/A
Relative vapour Density:	N/A	Flammability (solid, gas) :	Not classified as flammability hazard.

Section 10 – Physical and Chemical Characteristics

Chemical Stability :	Stable under normal conditions.
Possibility of hazardous reactions:	Can react with strong oxidizing agents.
Condition to Avoid :	None known.
Hazardous Decomposition products:	No hazardous decomposition products are known.
Incompatible materials :	Oxidizing agents.

Section 11 – Toxicological Information

No data available.

Section 12 – Ecological Information

No data available.

Section 13 – Disposal Considerations

Waste Disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements. Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Dispose of contaminated containers, soils, etc. in compliance with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements.

Section 14 – Transportation Information

Transportation: Not classified as Dangerous Goods and can be transported by Road, Rail and Air. The item is not restricted or not regulated as per IATA.

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Section 15 – Regulatory Information

Regulation: Observe the governmental or local regulations to use the chemical product safely.

Section 16 – Other Information

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.