

MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPERT® SP50 MOLY G-RAPID**

MSDS no: 185

Revision no: 1

Issue Date: 11 September 2017

Section 1 – Company Details

Company Name: SealXpert™ Products

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Section 2 – Composition

INGREDIENTS	CAS N°	%	EXPOSURE LIMITS
Butane	106-97-8	>= 50- < 70	N/A
Molybdenum suulfide	1317-33-5	>= 10- < 20	N/A
Naphtha, petroleum, Light Alkylate	64741-66-8	>= 10- < 20	
Distilled (petroleum), solvent-refined light paraffinic	64741-89-5	>= 1- < 10	
Peopom-2-ol	67-63-0	>= 1- < 10	
Granite	7782-42-5	>= 1- < 10	

Section 3 – Hazardous Identification

Hazard: Extremely flammable aerosol.
Pressurised container. May burst if heated
Caused skin irritation

Precautionary statement: Keep away from heat/parks/open flames/hot surfaces.
No smoking.
Do not spray on an open flame or any other ignition source.
Do not pierce on burn, even after use.
Avoid breathing spray.
Wash skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves.

Section 4 – Emergency and First Aid Response

General advice: In case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advise

Inhalation: If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes
Get medical attention.
Wash clothing before reuse.
Thoroughly clean shoe before reuse

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.

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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:	Flash back possible over considerable distance. Vapour may form explosive mixture with air. Exposure to combustion products may be a hazard to health. If temperature rises, there is danger of vessels bursting due to the high vapour pressure.
Hazardous combustion products	Carbon oxides, Metal oxides. Sulphur 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.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Remove all source of ignition. Use personal protective equipment. 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 :	Non-sparking should be used. Soak up with inert absorbent material Suppress (knock down) gases/vapour/mist with a water spray jet. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.

Section 7 – Handling and Storage

Handling :	Use only in an area equipped with explosion proof exhaust ventilation.
Storage :	Do not get on skin or clothing. Do not breathe vapour or spray mist. Do not swallow. Do not get in eyes. Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharge. Take care to prevent spill, waste and minimized release to the environment.
Conditions for safe storage :	Keep in properly labelled containers. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. Do not pierce or burn, even after use. Keep cool. Protect from sunlight.
Materials to avoid :	Do not store with the following product types: Self-reactive substances and mixtures Organic peroxides Oxidizing agents Flammable liquids Pyrophoric liquids Pyrophoric solids Self-heating substances and mixtures

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Section 8 – Exposure Controls / Personal Protection

Respiratory protection:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Hand protection:	Impervious gloves
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.
Eye Protection:	Wear the following personal protective equipment: Safety goggles
Skin and body Protection :	Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: Flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Section 9 – Physical and Chemical Characteristics

Appearance:	Aerosol containing a dissolved gas	Auto-ignition temperature :	N/A
Colour :	Dark Grey	Solubility (qualitative) (20 °C (68 °F); Solvent: ketones) :	Partially miscible
Odour :	Slight	Evaporation rate :	N/A
Relative Vapour Density :	N/A	pH	N/A
Flash point	N/A	Boiling point (1.013 hPa) :	N/A)
Solubility (qualitative) (20 °C (68 °F); Solvent: Water) :	Insoluble	Explosive limits :	N/A
Vapour Pressure :	N/A	Relative density :	0.70
Density:	N/A	Flammability :	Extremely flammable aerosol.

Section 10 – Stability and Reactivity

Chemical Stability :	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Extremely flammable aerosol. Vapours may form explosive mixture with air. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure. Can react with strong oxidizing agents. When heated to temperatures above 150 °C (300 °F) in the presence of air, product can form formaldehyde vapours. Safe handling conditions may be maintained by keeping vapour concentrations within the occupational exposure limit for formaldehyde.
Condition to Avoid :	Heat, flame and sparks.
Hazardous Decomposition products:	No hazardous decomposition products are known
Incompatible materials :	No hazardous decomposition products are known.

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Section 11 – Toxicological Information

Eye irritation	Causes serious eye damage/irritation.
Skin irritation	Causes skin irritation.
Ingestion	May cause an allergic skin reaction.
Inhalation	May cause irritation to respiratory system. .

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 according to Singapore Code for Transport of Dangerous Goods by Road, Rail and Sea.

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.