

# MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPert® ALUMINIUM ANTI-SEIZE COMPOUND (A1000)**

MSDS No: 301

Revision No: 0

Issue Date: 07 August 2019

## Section 1 – Company Details

**Company Name:** SealXpert® Products

**Address:** 53 Ubi Avenue 1, #05-25 Paya Ubi Industrial Park  
Singapore 408934

**Tel:** +65 6742 4992/6742 4998

**Fax:** +65 6749 6916

**Email:** mailbox@sealxpert.com

## Section 2 – Composition

Ingredient	CAS NO.	Content (Wt%)
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	30 - 60
Aluminium Powder	7429-90-5	5 - 10
Paraffin Oils (Petroleum), Catalytic Dewaxed Light	64742-71-8	3 - 7

## Section 3 – Hazardous Identification

Emergency overview:

Warning: Harmful if swallowed.

### Precautionary Statements

Prevention: Avoid breathing dust or fumes. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves. Use personal protective equipment as required. Do not eat, drink or smoke when using this product.

Response: IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

Storage: Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

## Section 4 – First Aid Measures

Eye contact: Immediately flush eyes with running water for a minimum of 10 to 15 minutes. Obtain medical attention if irritation develops and persists.

Skin contact: Wash skin thoroughly with mild soap and running water, while removing contaminated clothing. Obtain medical attention if irritation develops and persists. Launder clothing before reuse.

Inhalation: Immediately remove person to fresh air. If breathing is difficult, oxygen may be administered by qualified personnel. Obtain medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

## Section 5 – Fire Fighting Measures

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

Unusual fire or explosion hazards: None

Hazardous combustion products: Carbon oxides

## Section 6 – Accidental Release Measures

Personnel precautions: Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

Environmental precautions: Ensure any spilled material does not enter drains, sewers, waterways or confined spaces.

Spill clean-up measures: Eliminate all sources of heat, sparks and flame. Ventilate area of release. Stop leak if you can do so without risk. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

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## Section 7 – Handling and Storage

Handling:	Wear protective equipment during handling. Use in a well-ventilated area. Avoid inhaling fumes and dusts or mists. Avoid contact with eyes. Avoid prolonged contact with skin and clothing. Keep away from heat and flame. Keep away from acids and incompatibles. Avoid and control operations which create dusty conditions. Keep container closed when not in use. Launder contaminated clothing before reuse.
Storage:	Store in a cool, dry, well-ventilated area away from sources of heat and flame. Keep away from incompatibles. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.
Special packaging materials:	Always keep in containers made of the same materials as the supply container.
Hygiene practices:	Wash thoroughly after handling.

## Section 8 – Exposure Controls / Personal Protection

Ventilation and engineering controls:	Use positive down-draft exhaust ventilation if general ventilation is insufficient to maintain vapour concentration below established exposure limits.
Eye protection:	Safety goggles or safety glasses with side shields. Safety showers and eye wash stations should be available.
Skin protection:	Wear protective natural rubber, nitrile rubber, Neoprene or PVC gloves.
Respiratory system protection:	Use a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists.
General hygiene considerations:	Do not inhale fumes and dusts or mists. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when working. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

## Section 9 – Physical and Chemical Characteristics

Physical state:	Paste
Colour:	Grey
Odour:	Light petroleum
Odour threshold:	Not available.
pH:	Not available.
Vapour pressure:	< 5 mm hg
Boiling point/range:	Not available.
Melting point/ range:	Not available.
Relative density:	1.17
Vapour density:	>1
Flash point:	> 93 °C ( > 200 °F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Auto ignition temperature:	Not available.
Evaporation rate:	Not available.
Solubility in water:	Negligible

## Section 10 – Stability and Reactivity

Stability:	Stable under the recommended storage and handling conditions.
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Carbon oxides
Incompatible materials:	Strong oxidizing agents, Acids, Alkalis
Reactivity:	Not available.
Conditions to avoid:	Keep away from heat, spark and flame.

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## Section 11 – Toxicological Information

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause irritation of respiratory tract.

Skin contact: Causes skin irritation. May cause allergic skin reaction.

Eye contact: Contact with eyes may cause irritation. May cause redness and tearing of the eyes.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## Section 12 – Ecological Information

Environmental effect and distribution: Not known

Environmental influence: Not known

Biology accumulation: Not known

## Section 13 – Disposal Considerations

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

## 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

## 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.