

MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPERT® NICKEL ANTI-SEIZE COMPOUND**
MSDS No: 220 Revision No: 0

Issued by: Yogesh
Issue Date: 3 April 2017

Section 1 – Company Details

Company Name: SealXpert Products
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Section 2 – Composition

Ingredient	CAS NO.	Content (Wt%)
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	30 - 60
Nickel	7440-02-0	10 - 30
Graphite	7782-42-5	5 - 10
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	1 - 5
Aluminum not powder, dust or fume	7429-90-5	1 - 5
Distillates (petroleum), straight-run middle	64741-44-2	0.1 - 1

Section 3 – Hazardous Identification

Emergency overview:

WARNING: CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.
SUSPECTED OF CAUSING CANCER.

Precautionary Statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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.

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 locked up.

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: Aspiration may cause pulmonary edema and pneumonitis. 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 firefighting 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: Metal vapors. Oxides of carbon. Oxides of aluminum. Oxides of nickel.

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Section 6 – Accidental Release Measures

Personnel precautions: Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate chemically protective equipment. Keep all other personnel upwind and away from the spill/release. Use caution during clean-up procedures. Spilled product presents a significant slip hazard.

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

Spill cleanup measures: Eliminate all sources of heat, sparks and flame. Ventilate area of release. Stop leak if you can do so without risk. Cover spilled material with non-combustible absorbent material (such as vermiculite), then shovel material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

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. Assume empty containers contain residues, which are hazardous. 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 vapor 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: Neoprene or oil resistant 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
Color:	Gray
Odor:	Petroleum
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	< 5 mm hg (80 °F (26.7 °C)
Boiling point/range:	Not available.
Melting point/ range:	Not available.
Specific gravity:	1.2
Vapor density:	Not available.
Flash point of base oil:	235°C (455°F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Evaporation rate:	Not available.
Solubility in water:	Negligible

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Section 10 – Stability and Reactivity

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

Section 11 – Toxicological Information

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

Potential Health Effects/Symptoms

Inhalation:	Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.
Skin contact:	Causes skin irritation. May cause allergic skin reaction.
Eye contact:	Causes serious eye irritation.
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.