

MATERIAL SAFETY DATA SHEET

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Product Name: **SEALXPERT® UNDERWATER PETRO PASTE**

MSDS no: 183

Revision no: 0

Issue Date: 1 Feb 2016

Section 1 – Company Details

Company Name: SealXpert™ Products

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Section 2 – Composition

INGREDIENTS	CAS N°	%	EXPOSURE LIMITS
Base Oil	N/A	30 - 50	N/A
Calcium sulfonate	N/A	15 - 30	N/A
Zinc Compound	N/A	0 – 2	N/A
Properties additives	N/A	20 -40	N/A

Chemical Family : Oil Mixture

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

Section 3 – Hazardous Identification

Emergency Overview :

WARNING!

Irritant

May cause skin irritation.

May cause allergic skin reaction

Heated material can cause thermal burns.

Potential Health Effects

Inhalation :

Not expected to be harmful under normal conditions of use.

Ingestion :

Not expected to be harmful under normal conditions of use.

Eye Contact :

Not expected to be harmful under normal conditions of use.

Heated material can caused thermal burns.

Skin contact :

Irritating to skin. May cause allergic skin reaction.

Heated material can cause thermal burns.

Target Organ :

Skin

Chronic Effects :

Prolonged or repeated contact may irritate the skin, causing dermatitis, or dry the skin, causing cracking. Not listed or regulated by IARC, NTP, OSHA, or ACGIH. No reproductive effects expected.

Signs and symptoms :

Repeated and/or prolonged exposure may cause skin irritation and redness.

Potential environmental effect

No data is available.

Aggravated Medical Condition :

Pre-existing skin disorders may be aggravated by over-exposure to this product.

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Section 4 – Emergency and First Aid Response

- Inhalation:** Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. For contact with hot product, flush contaminated skin with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze. Get medical attention immediately.
- Eye:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.
- Ingestion:** Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Section 5 – Fire and Explosion Hazard Data

- Suitable extinguishing media :** Alcohol-resistant foam.
Carbon dioxide (CO₂)
Dry chemical.
Dry sand.
Limestone powder
- Chronic Health Hazard:** Decomposition products may include the following materials: carbon dioxides. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.
- Special protective equipment for fire-fighters:** Avoid contact with the skin. Fire-fighters should wear appropriate personal protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Further information:** Do not allow run-off from fire fighting to enter drains or water courses.
- Extinguishing Media :** Water spray, foam, carbon dioxide or dry chemicals
- Fire Fighting Procedures :** Wear self-contained breathing apparatus and full protective clothing to minimize exposure.

Section 6 – Accidental Release Measures

- Personal precautions :** No action shall be taken involving any personal risk or without suitable training. Put on appropriate personal protective equipment (see Section 8).
- Environmental precautions :** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up :** Wearing appropriate personal protective equipment (see Section 8), pick up spilled material. If contaminated, dispose of via a licensed waste disposal contractor. See section 13 for waste disposal.
- Additional advice :** None

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Section 7 – Handling and Storage

- Handling :** Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking or smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
- Storage :** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
- Technical Precautions :** None

Section 8 – Exposure Controls / Personal Protection

- Recommended monitoring procedures:** If this product contains ingredients with exposure limits, personal workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment
- Engineering measures :** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing or discard as necessary. Ensure that eyewash stations and safety showers are close to the workstation location.
- Respiratory Type :** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicated this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Eye Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. This may include, but is not limited to, safety glasses, goggles and face shields.
- Skin Protection :** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. This equipment may include, but is not limited to, impervious gloves, gauntlets, impervious shoes/boots, and protective clothing.
- The breakthrough time of the selected protective glove(s), shoes, and clothing must be greater than the intended use period
- Environmental exposure controls :** Emissions from ventilation or work process equipment should be checked to ensure they comply with the controls requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Environmental exposure controls may also include dikes or other liquid containment devices.

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Section 12 – Ecological Information

Ecotoxicity effects

Aquatic toxicity No data is available on the product itself.

Toxicity to other organism No data available.

Persistence and degradability

Biodegradability No data is available on the product itself.

Mobility No data available.

Bioaccumulation No data is available on the product itself.

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

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.