

Technical Data Sheet

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Safety Data Sheets, product photos, and other information can be obtained by visiting www.chemtools.com.au



DEOX R81 Marine Grade Anti-Seize

PART NUMBER	AVAILABLE SIZE*
CT-R81-50G	50g Tube
CT-R81-250BT	250g Brush Top
CT-R81-500BT	500g Brush Top
CT-R81-2.5KG	2.5 Kilograms

*Available sizes may change without notice.

DESCRIPTION

DEOX R81 Marine Grade Anti-Seize is an advanced, non-metallic compound with high resistance to saltwater corrosion in harsh marine and offshore environments. It is a non-curing, no-drip barrier designed to protect assemblies in wet, humid conditions, insulate to inhibit galvanic corrosion between dissimilar metals, and reduce friction under extreme pressure and high temperatures. With R81 applied, assembly speeds of threaded components are increased, and disassembly time, even after lengthy service or severe conditions, is greatly diminished.

R81 is high performing with excellent lubricity, resists washout, and provides ongoing rust protection on sensitive or galling-prone alloys such as chrome and inconel. Marine applications commonly include anchor pullies, rigging and hoist cables, winches, pump gaskets and flanges, engine and housing fasteners, and hatch cover hinges, along with other assembly parts such as bushings, nuts and bolts, pins, studs, and screws.

APPLICATION

Ensure all surfaces are clean of contaminants and grease-free prior to application. For optimal performance, apply liberally to surfaces, ensuring complete coverage. Removal of excess from most surfaces can be achieved with mineral spirits.

Note: This product is not recommended for high-speed bearing applications and where indirect food contact may occur.

TECHNICAL DATA

Appearance	Smooth paste	Colour	Off white
Base Oil	Calcium Sulfonate	NLGI Consistency	2
Water Washout	1% loss @ 80°C	Solids (PTFE Blend)	> 40%
Carrier plus Additive	> 60%	Salt Fog Corrosion	> 300 hours (1 mil d.f.t.)
Temperature Range	-50°C to +318°C	RoHS Compliant	Yes
Shelf Life*	5 Years		

*When stored in a closed container. Shelf life may be extended if stored in a cool, dry place. If slight separation occurs, stir product.

FIRST AID & SAFETY PRECAUTIONS

Always refer to Safety Data Sheet/s before use. Use proper Personal Protection Equipment. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Avoid breathing fumes. Keep away from heat, sparks, open flames, and hot surfaces. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet/s for this product have been fully understood by all persons who will work with the material.

STORAGE & TRANSPORT

Refer to Safety Data Sheet/s for recommendations. As a general precaution, keep containers tightly closed, protect from sunlight, and do not expose to temperatures exceeding 50°C. Containers should be secured and stored upright during transit.

DISCLAIMER

Every effort has been made to ensure the information provided in this document is accurate at the date of publication. Chemtools® Pty Ltd expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools® Pty Ltd shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.