

RUSTOPAK®

PRODUCT INFORMATION - PRODUCT DATA SHEET (PDS)

PRODUCT NAME	RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR)
PACKAGING	300 ml Aerosol Metal Spray Can.
ADVANTAGES	RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR) provides long-lasting protection of metal crevices that are exposed to moisture and oxygen which causes corrosion. The proprietary blended aerosol RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR) is hydrophobic, expelling moisture when sprayed into metal crevices and also excludes oxygen from crevices. The low VOC and UV stable RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR) can be sprayed into weathered crevices over firmly adherent rust and coatings as well as new crevices as a final application. Over-sprayed product must to be wiped off using clean cloth and Mineral Turpentine.
DESCRIPTION	RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR) is a crevice penetrant which protects metal crevices against the formation of Crevice Corrosion, where corrosion always starts first, such as roof fastener & truss assemblies, roof sheet overlaps, solar panel mountings, metal fence assemblies, foundation anchor bolts, window and door hinges and frames and plumbing. There are many other applications for RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR) such as internal crevices of vehicle panels, HVAC systems, heavy equipment and solar farms. This product prevents the need to dismantle assets and offers the most practical solution on the market due to ease of application in aerosol packaging to maximize the product's penetrating ability and sealing of crevices being treated.

Caution: This product must not be applied as a primer coat – it is a crevice sealant.

RESIN TYPE	Calcium Sulfonate
SOLVENT TYPE	Mineral Spirits
VISCOSITY	40 - 60 K.U. @ 25° C
WEIGHT/LITRE	0.86 (± 2%) kg/Litre (Specific Gravity S-G)
WEIGHT % SOLIDS	34 ± 2.0
VOLUME % SOLIDS	27 ± 2.0
SUBSTRATE	Metal

PRETREAT & CLEAN	SP-2 Hand Tool Cleaning followed by SP-1 Solvent Cleaning (Mineral Turpentine)
WET FILM	50 – 100 microns (lower – upper limits)
DRY FILM	13.5 – 27 microns (lower – upper limits)
FLASH POINT	40.6° C
V.O.C.	573 g/litre
CHARACTERISTICS	Extremely good wetting properties
HEALTH & SAFETY	<p>Keep out of reach of children.</p> <p>Avoid contact with skin and eyes.</p> <p>Wear appropriate protective equipment and clothing.</p> <p>Product safety information required for safe use is not included in this Product Data Sheet (PDS). Do not ingest. Do not pierce can.</p> <p>Before handling, read product aerosol can label and Safety Data Sheet (SDS) for safe use, physical and health hazard information.</p> <p>The Safety Data Sheet is available on the Rustopak (Pty) Ltd Website: www.rustopak.com</p>

BENEFITS

Excellent corrosion resistance	Excellent hydrophobic properties
No under-creep corrosion	Easy to apply aerosol packaging
Applied over tight rust or firmly adherent coatings	Extremely good wetting properties
Cost effectiveness application	Not needing expensive application equipment
Maximum service temperature is 140° C when the product is fully cured and totally dry Surface application temperature up to a maximum of 53° C	

APPLICATION INSTRUCTIONS

The air and surface temperature shall be less than **53° C** and the weather conditions shall be such that the treated areas shall not be subjected to rain or water contact for a **2** hour period after application.

Ambient temperatures must remain at least **3° C** above Dew Point and rising during application. Material should not be applied when the Relative Humidity exceeds **90%** or the substrate temperature is higher than **53° C**.

The low viscosity crevice penetrating sealant is intended for use as a penetrating sealer for jointed or bolted areas of steel items mentioned above, which are subject to Pack Rust, Bimetallic Corrosion and Differential Aeration Corrosion. Apply into the affected area with the supplied pipe attached to the nozzle of the aerosol can and excess product needs to be wiped off with clean cloth and Mineral Turpentine.

Deposit enough RUSTOPAK® CREAVICE PENETRANT SEALANT to thoroughly wet out crevices or joints. Spray into the upper edge of all joints first, working down the sides of the crevices and joints

from the top to the bottom, propelling the material into the joint. Moisture will be displaced from the joint (vertical) and should be allowed to exit freely from the bottom of the joint area then wipe off with clean cloth and Mineral Turpentine. **NOTE:** When spraying into horizontal joints, please ensure that excess product around the joint is wiped clean with clean cloth and Mineral Turpentine.

NOTE: Joint geometries vary widely and it is not the intent of this Specification to address the application of each joint type. The end user must evaluate individual joint geometries to determine the best method of applying this product to achieve the optimal joint coverage using the basic principles listed above.

INSTRUCTIONS ON THE CAN LABEL

1. All surfaces must be clean, free of all grease, oil, loose/flaking particles and plant material. Use Mineral Turpentine and compressed air.
2. Surfaces must be totally dry before spraying RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR) Do not apply over Bitumous and Silicone coatings.
3. Shake the can well before spraying.

HANDLING AND STORAGE

RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR) must be kept in a dry, cool place in the original aerosol packaging, off the ground to prevent the aerosol can from rusting. Do not expose to heat, flame, sparks, static electricity or other sources of ignition; it may combust due to the propellant.

The technical data and suggestions for use contained herein are correct to the best of our knowledge and offered in good faith. Any and all technical information is subject to change without notice and it is the responsibility of the end user to verify that they have the most current available technical and safety information.