

Tank Care Products Instructions



Revised 21/06/2018, these instructions supersede any prior instructions.
Tank must be rust free and clean of surface contamination before coating with Sureseal.
Read Terms and conditions before use.

Petseal Remover

Used for the removal of Epoxy Resin (two part) tank sealants.
NOT SUITABLE FOR USE IN FIBRE GLASS TANKS.

Extreme care must be taken when using this product, as serious burns and respiratory problems may occur. Use in a well ventilated area, use rubber gloves and eye protection.

Step1. Blank off tap holes with blanking plugs or old taps to avoid seepage.

Step 2. Pour in complete contents of 250ml tin.

Step3. Put filler cap on and allow to stand for 48hrs. When filler cap is removed the tank should be left for a further 8 hours to dry out. The sealant should have turned into small flakes, which can be shaken out. **(Tanks which have had other sealants used may take more than one application)**. If large pieces of sealant are left in tank after 48 hours, put the cap back on and give it a further 12 hours before allowing to dry out. Putting the tank in a warm environment will accelerate the process. Please take care as these flakes can still burn naked skin on contact.

You will now need to clean out the pieces of sealant in the tank, start off by shaking it out of the filler neck, if you get large lumps that won't fit through, you will need to use a pair of pliers to break them up, and possibly use a drill to create a series of holes to weaken it first.

If you still have surface debris, you can remove this by putting a cup full of small stones into the tank and shaking it, or attaching the tank to a slow moving tumbling device e.g. cement mixer. A steam cleaner or high pressure washer can also help.

Flexible Sealant Remover

Used for the removal of 'Aircraft Tank Sealant PR1005L' and other Flexible sealants, which will not break up using the standard remover.

Pour the complete tin into the tank and seal the filler neck and tap holes, slosh the liquid around in the tank and leave for 8 hours or until the sealant is dissolved to a liquid, then empty out into a disposable container. You may have to repeat the process to remove all of the sealant. All residue of the old sealant must be removed before coating with Sureseal, as this will affect adhesion.

Rust Converter

DO NOT USE NEAR CHROME, AS IT WILL STAIN.

Used after Petseal Remover to De-Rust the tank.

Step1. Blank off tap holes with blanking plugs or old taps to avoid seepage.

Step 2. Pour in the contents of the bottle and slosh around inside the tank until covered. Leave for approx 2 hours, sloshing around in the tank every 30 mins..

Rinse out the tank with De-Ox dissolved in warm water*, this is to prevent flash rusting of the tank. Empty and rinse immediately with TP2, empty out and blow dry immediately with compressed air, or Hoover hose.

The treated surface should be coated with sealant immediately to prevent re-rusting.

De-Ox 250gm (Also available in 500gm and 1kg)

For rust removal in chrome plated tanks, can also be used to immerse rusty parts. This products is supplied in a powder form, and is mixed with warm water to dilute. For de-rusting tanks, first de-grease the tank with diluted **TP1** Cleaner, then rinse with water before mixing 250gm of De-Ox with approx 4-5 gallons warm water. Leave the tank to soak overnight in a warm environment, and then rinse with De-Ox 100gm diluted in a bucket of hot water. The tank must now be dried using TP2, and compressed air.

***De-Ox 100gm** is supplied with a kit, and is used with 5 litres of warm water to rinse out a tank that has been treated with Rust Remover. Add approx 1 litre at a time to the tank, rinse and then empty until tank is clean. Dry immediately with TP2 and blow dry with compressed air or Hoover on blow.

TP1 Degreasant This is used to remove grease and fuel emulsion from your tank. Pour into tank, and swish round until tank is grease free. It should be used diluted with approx 2 litres of hot water, use before rust remover, and washed out with plenty of water. If your tank is grease free already, you may not need to use TP1, and go straight on to rust remover.

TP2 Tank Prep This is used as a final prep, immediately prior to coating with Sureseal, it will disperse moisture in the tank ensuring good adhesion. Pour into tank and shake, drain out excess and dry out with **dry compressed air**. *Recent feedback from a customer said that they had used a vacuum cleaner attached to the filler neck to draw air through for approx 5 minutes and that dried the tank.*

Sureseal Ethanol Resistant Tank Sealant

Tank must be thoroughly de-gassed before proceeding!

Tank should be grease free and **rust free**, before proceeding! A GOOD KEY WILL HELP ADHESION.

Tank and Sealant should be at least 45°C before continuing, see methods below! (And videos on website)

Sealant will be thicker in cold conditions and will not pour well.

Setting time is approx 48 hours in a warm well ventilated place.

Curing time 6 days at 20°C before using with petrol

Warming the tank using induction heat, i.e. radiator, heat lamp or hot air gun, to help sealant flow..

250ml will be enough to line **up to 2** gallon tank.

500ml is recommended for larger tanks, **up to 4** gallons.

750ml is recommended for larger tanks, **up to 5** gallons

There is now a series of video clips on the website www.tankcareproducts.co.uk showing the preparation and application of Sureseal, go to the the page Q&A

Step 1. Blank off tap holes with blanking plugs made from rolled up cardboard, dowels should protrude 10mm inside of tank. Wrapping some PTFE tape or electrical tape around the dowel will make for easier removal. For Sports bike tanks, stick duck tape over the holes and after 12 hrs use a craft knife to trim out the holes (do not let it fully cure before clearing holes)

Step 2. **Warm the white part of the epoxy** in the beaker supplied, this can be done carefully in a pan of boiling water, or by putting in a microwave on a medium heat, for no more than 1 minute at a time, and testing with a digital thermometer until it reaches between 45 to 48 deg C. Mix parts A & B to make a creamy liquid. Stir very thoroughly until an even cream colour. Immediately pour into tank through filler neck.

ONLY THE WHITE BASE OF THE SURESEAL SHOULD BE HEATED IN THE POT, NOT MIXED WITH HARDER AND THEN HEATED.

Rotate the tank to achieve even coverage, paying particular attention to the tunnel of the tank. Keep rotating the tank until you have coated the complete tank evenly. When you have coated the tank, you can then drain out any excess through the filler neck or tap holes, making sure you clean the threads before it sets.

If you find that you have small areas which have not covered, The Sureseal can be made fluid again during application, by applying heat to approx 51°C, the outside of the tank using a hot air gun, or heat lamp.

Step3. Leave tank to stand in a well ventilated, warm environment. Total curing time before use is approx 6 days at 20°C. Will take longer at lower temperatures.

See Spec sheet on Website: www.tankcareproducts.com for more information

In case of spillage on skin: Sureseal Can be removed with Nail Varnish Remover.

Terms and Conditions

The use of these products is the sole responsibility of the customer, improper application or preparation may lead to failure. Liability is limited to replacement of the product, should it be found at fault. It is the responsibility of the end user to determine the suitability of the products for their application. Verbal or written advice given is based on the information received, and it is up to the end user to assess to condition of the tank, and the suitability of the products. The use of fuel additives is at the customers risk. Products and packaging may change depending upon availability.

Sureseal is not intended to repair structural cracks in a tank, these should be welded / soldered first.

Quick Guide to stripping and coating a tank. (see also full instructions)

