



STAR RUST CONVERTER (VACTAN) – DATASHEET

PRODUCT CODE: 00910004/00910005

Product description

STAR RUST CONVERTER (VACTAN) is a complex mixture of a vinyl acrylic copolymer and tannic acid for the treatment of corroded steel and iron surfaces. STAR RUST CONVERTER (VACTAN) neutralises the corrosion process by converting the rust into a blue / black metalo-organic complex which passivates the surface. It then further protects the surface by filming a film with a low permeability to water vapour and oxygen. STAR RUST CONVERTER (VACTAN) is self-priming but for long term protection it is advisable to overcoat with a suitable water or solvent base midcoat or topcoat. One litre of STAR RUST CONVERTER (VACTAN) can treat 8-9 square metres.

As well as the marine industry, STAR RUST CONVERTER (VACTAN) can be used in the following areas: manufacturing, agriculture, automotive, local authority, road haulage, chemical, heavy engineering, building and construction, among others.

Applications

Surfaces should be wire brushed to remove soluble salts by washing with water as they inhibit the conversion process. Surfaces should also be oil and grease free. STAR RUST CONVERTER (VACTAN) has been designed for application by spray and brush. By airless spray a dry film thickness of up to 60 microns can be achieved without sagging. The addition of further water may be necessary for air assisted spraying. By brush application, a dry film thickness of up to 40 microns per coat is considered optimum.

STAR RUST CONVERTER (VACTAN) has been tested and certified as fit for the use in grain carriage and potable water systems. It may also be used in sensitive food areas.

Drying conditions

Temperature, humidity, air movement and film thickness all affect the time to reach the touch dry stage. Under ideal conditions, a 100-micron wet film of STAR RUST CONVERTER (VACTAN) will be touch dry in approximately 10 minutes at 20°C, whereas at 10°C and with little air movement this time can be as long as 2 hours.

STAR RUST CONVERTER (VACTAN) should not be applied at temperatures below 10°C, or when there is a risk of condensation or rain during this drying period.

Overcoating

STAR RUST CONVERTER (VACTAN) may be coated when cured with any conventional paint using brush, roller or spray.

Storage

Store in a cool place. Do not allow to freeze. Use within 12 months.

Health and safety

STAR RUST CONVERTER (VACTAN) is non-flammable and can be regarded as essentially non-hazardous under normal use. During use, gloves should be worn as STAR RUST CONVERTER (VACTAN) will stain the skin. Stains can be removed by first washing with diluted bleach, then plenty of soap and water.

STAR RUST CONVERTER (VACTAN) should NOT be swallowed. If swallowed, wash out mouth with plenty of water and then drink lots of milk or water. SEEK MEDICAL ATTENTION IMMEDIATELY.

KEEP OUT OF THE REACH OF CHILDREN.

STAR RUST CONVERTER (VACTAN) may cause slight irritation of the eyes and should not come into contact with the eyes, washing with water is recommended. SHOULD IRRITATION PERSIST, SEEK THE ATTENTION OF A DOCTOR.