

DINITROL 964

Engine Protection

Characteristics:

- Transparent
- Hard film
- Water borne
- Engine protection
- Long term – permanent

Applications:

DINITROL 964 leaves a hard, transparent, lacquer-like, heat-resistant film which is difficult to remove once dried. DINITROL 964 offers long-term corrosion prevention for iron, zinc and aluminium details. DINITROL 964 is less suitable for cast iron details. In order to confirm the suitability in difficult cases, a test is recommended. DINITROL 964 is specially developed to be used on surfaces exposed to high and low temperatures. Appropriate parts to be treated with DINITROL 964 are engine compartments, engines and other details which have to withstand high temperatures.

Method of use:

The items to be treated must be clean and free from oil and grease. DINITROL 964 can be applied by spraying with manual or semi-automatic application equipment or by dipping. DINITROL 964 is suitable for air-mix and airless spraying. Brushing is not recommended since encapsulation of air into the product may deteriorate the dry film. Stainless equipment is recommended. Suitable application temperature is 15-30°C. The drying behaviour of the product is depending on the conditions regarding temperature, RH and change of air. For a quicker drying, it is helpful to increase the air change. This is achieved e.g. by using a fan at low speed in order to remove the with water saturated air just above the applied areas.

Die in diesem Merkblatt gemachten Angaben sind das Ergebnis sorgfältiger Untersuchungen. Soweit sie sich auf die Anwendung beziehen, sind sie als Empfehlung zu betrachten, die dem Erfahrungsstand entsprechen. Wegen der Vielseitigkeit der Anwendungs- und Arbeitsweisen können wir jedoch eine Verbindlichkeit nicht übernehmen. Es wird daher ein vertragliches Rechtsverhältnis nicht begründet, und es entstehen aus eventuellen Kaufverträgen keine Nebenverpflichtungen.

All data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the use of our products.

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Technical properties:

Colour:	transparent
Type of film:	hard, glasslike
Density at 23°C:	1040 kg/m ³
Viscosity at 23°C, DIN 4:	30 s
Dry matter content:	38% by weight
EU VOC:	32 g/l
Flash point:	> 100°C
Recommended film thickness wet:	90 µm
Recommended layer thickness:	30 µm
Drying time, room temperature:	15 min with fan 20 – 30 minutes without fan
ph:	9
Removability:	Isopropanol
Heat resistance (160°C, 96 hrs):	very slight yellowing
Salt Spray Test, 240 hrs on most common paint systems:	No corrosion
CCT / ACT 1	20 Cycles Ri1
Humidity cabinet 2000 hrs:	no corrosion
Available in:	25 L Cannister / Container

For all relevant safety advices please read the material safety data sheet or the packaging label.

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