PROTECTING

DINITROL 965

Environmentally friendly surface and engine protection, water-based

DINITROL 965 is a waterborne, acrylic and alkyd based product for applications both on vehicles and in the general industry.



- » Non-sticky
- » Quick drying
- » Easy to apply
- » Temperature-resistant
- » Clean application



Equipment

DINITROL Spray Tool HS 1-P
Art. No. 1700700

DINITROL Pump Unit for 20 L Pails
Art. No. 1705100

DINITROL Spray Tool UBS/HR GSI
Art. No. 1701900

DINITROL Airless Pump 1:26
Art. No. 1705900

DINITROL 965

Art. No.	Size	Package	Color
11560	25 L	Canister	Transparent
11561	208 L	Drum	Transparent
11562	900 L	Container	Transparent

a brand of DINOL

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All data and recommendations are the result of careful tests by our laboratory. They only can be considered as recommendation which corresponds 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 misuse of our products. Therefore, a contractual legal relationship is not justified, and there are no secondary obligations arising from any purchase contracts.

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Technical Details

Product description
DINITROL 965 is forming a hard, transparent, lacquerlike, heat-resistant film that is intended for permanent applications.

Applications
DINITROL 965 offers long-term corrosion prevention for iron, zinc and aluminium details. DINITROL 965 can also be used on cast iron details. In order to confirm the suitability in difficult cases, a test is recommended. DINITROL 965 is specially developed to be used on surfaces exposed to high and low temperatures. Appropriate parts to be treated with DINITROL 965 are engine compartments, engines frame works and other details that have to withstand high temperatures.

Method of use
The items to be treated must be clean and free from oil and grease. DINITROL 965 can be applied by spraying with manual or semi-automatic application equipment or by dipping. DINITROL 965 is suitable for airmix and airless spraying. Brushing is not recommended since encapsulation of air into the product may deteriorate the dry film. Stainless equipment is recommended but not a requirement. 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. Recommended application and product temperature is 15 – 30°C.
Stir before use!

Pre-treatment Substrates
Surfaces to be applied shall be clean, dry and free from corrosion.

Over-Coating / 2-Layer-Application
DINITROL 965 is not intended to be over-applied. For additional information, please consult DINOL GmbH.

Storage
The product should be stored at temperatures between +10°C and +30°C. Stored in a cool and dry place, the product has a shelf life of at least 1 year in the unopened original packaging.

Safety precautions
Additional information can be found in the safety data sheet.

Transportation
Additional information can be found in the safety data sheet.

Technical Data

Colour	transparent
Consistency	liquid
Type of film	hard, tack free
Specific density (20°C), DIN 51757	approx. 1.04 kg/litre
Viscosity (Brookfield RVT, Spndl 2, V20, 20°C)	approx. 800 mPa.s
Solid content (DIN 53216) (3 hours at 120°C)	approx. 44%
Recommended film thickness wet	60 – 120 µm
Recommended film thickness dry	25 – 50 µm
Water resistance	after ~ 1 h, at rec. film thickness dry
Removability - before drying - after drying	 Water White spirit, ethanol, heptane
Cycle test acc. Volvo 1000 H on paint system 500 H on bare steel	 1000 H, 100 µm DFT 500 H, 50 µm DFT
Humidity test constant (98% moisture)	1,000 hours
Available in (other on request)	25 L canister, 208 L drum, 900 L container

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

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