

DINITROL 965 HIGH PERFORMANCE

Environmentally friendly surface and engine protection, water-based

DINITROL 965 High Performance 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 Spray Tool UBS/HR GSI
Art. No. 1701900

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

DINITROL Airless Pump 1:26
Art. No. 1705900

DINITROL 965 HP

Art. No.	Size	Package	Color
11575	25 L	Canister	Transparent
11589	208 L	Drum	Transparent

DINITROL 965 HIGH PERFORMANCE

Technical Details

Product description

DINITROL 965 High Performance is forming a hard, transparent, lacquer-like, heat-resistant film that is intended for permanent applications.

Applications

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

partments, 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 High Performance can be applied by spraying with manual or semi-automatic application equipment or by dipping. DINITROL 965 High Performance 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 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 High Performance 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.

Hazards identification

2.1. Classification of the substance or mixture
GB CLP Regulation
Aquatic Chronic 3; H412

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

Technical Data

Colour	colourless transparent
Type of film	hard, tackfree
Density at 23°C	1020 kg/m ³
Viscosity at 23°C, Physia Z2	200 mPas
Dry matter content	48% by weight
Recommended dry film thickness	50 – 100 µm
Recommended wet film thickness	120 – 240 µm
Drying time	0,5 – 2 hours
Low temperature resistance	bending - 30°C over 32 mm Mandrel
Effect on car paint	None
Removability	wet: water dry: mechanical with solvent
Heat resistance	160°C
Salt spray test	500 h at 50 µm DFT > 1000 h at 100 µm DFT
Available in	25 L Canister / 208 L Drum