PROTECTING

DINITROL 964

Engine Protection

DINITROL 964 is a waterborne, acrylic based product that forms a colourless, transparent film that is suitable for a wide range of applications.

- » Leaves a hard, transparent, lacquer-like, heat-resistant film
- » Difficult to remove once dried
- » Long-term corrosion prevention
- » Used with high and low temperatures
- » High temperature resistant

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 964

Art. No.	Size	Package	Color
11260	25 L	Pail	Transparent
11466	208 L	Drum	Transparent
11337	900 L	Container	Transparent

a brand of DINOL

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Technical Details

Product description
DINITROL 964 leaves a hard, transparent, lacquer-like, heat-resistant film which is difficult to remove once dried.

Applications
DINITROL 964 offers long term protection for a high number of parts and metals. It is developed for protection of engine parts from iron, steel, aluminium, zinc, cast iron and cast aluminium. DINIITROL 964 can be used on other cast parts but as the quality is not known, it is recommended to make a pre-test. 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 with-stand 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 airmix and airless spraying. Brushing is not recommended since encapsulation of air into the product may deteriorate the dry film. Stainless equipment is recommended. Recommended application and product 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.
Stir before use!

Pre-treatment Substrates
Surface need to be clean, dry and free from corrosion. Preferably applied on primed or painted surfaces.

Over-Coating
DINITROL 964 is not itended to be overpainted. 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
Type of film	hard, glasslike
Density at 23°C	1040 kg/m^3
Viscosity at 23°C (DIN 4)	30 secounds
Dry matter content	38% by weight
Flash point	> 100°C
Recommended dry film thicknes	30 µm
Recommended dry film thicknes wet	90 µm
Drying time, room temperature	15 min. with fan, 20 - 30 min. without fan
ph	9
Heat resistance (160°C, 96 hours)	very slightly yellowing
Salt spray test, 240 hours on most common paint systems	no corrosion
Removability	Isopropanol
CCT / ACT [1]	20 Cycles Ri1
Humidity cabinet 2000 hours	no corrosion
Available in	25 L Canister / Container

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