PROTECTING

DINITROL 445

High-quality, can be coated Stonechip protection

DINITROL 445 is a plastic and resin based product that offers excellent stonechip protection and is overpaintable.

- » Quick-drying
- » Plastic- and resin-based
- » Can be coated
- » Resistant to road salt

Equipment

DINITROL Spray Tool UBS 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 445

Art. No.	Size	Package	Color
11045	500 ml	Spray can	Black
11019	1 L	Can	Black
11059	57 L	Drum	Black
11345	200 L	Drum	Black

a brand of DINOL

DINOL GmbH Pyrmonter Straße 76, D-32676 Lügde, Germany
Tel. +49 (0) 5281-98 2 98-0, Fax +49 (0) 5281-98 2 98-60, www.dinol.com

08.2024

DINITROL 445

Technical Details

Product descriptions
DINITROL 445 is a long-term protection product against corrosion and stone chipping with a synthetic resin/plastic basis. After drying, the materials are resistant to carbon hydride-based cold cleaning agents, surfactant-based acid and alkaline high pressure cleaners, salt water and road salt.

Applications
The product are particularly suitable for the coating of entry-level boxes, door sills, spoilers, rear aprons and wheel arches, as well as for its anti-drone effect on the interior, trunk, hood, etc., where bituminous products are unsuitable.
Further areas of application include the coating of facade cladding on the back, in order to reduce the impact noise caused by hail or raindrops, or the coating of machine cladding.

Method of use
The surface to be treated must be clean and free from dust and grease. Loose rust must be removed. Concerning corrosion pits from which rust cannot be removed using a brush, we recommend pre-treatment with rust converter. Smooth lacquers should be sanded before coating. DINITROL 445 are supplied in a ready-to-use condition. To apply the product, a suction pipe gun with an approx. 3 mm nozzle is screwed onto the funnel bottle and the product is sprayed evenly onto the dust and grease-free surface with air pressure of 3 – 5 bar. Layer thicknesses of up to 1 mm can be applied wet per application procedure. After material application, the gun must be cleaned carefully, given that blocked guns may cause the can to explode. If the material is not yet dry, spray mist and spatters can be removed with a cloth soaked in petroleum spirit. Dried material can be removed with nitro thinner or through mechanical filing. If necessary, the products can be coated with standard vehicle lacquer after drying. The material must be completely dry before applying lacquer.
Stir before use!

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

Over-Coating / 2-Layer-Application
DINITROL 445 can be overpainted with most common paints but a test is recommended before full scale application.
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 2 years 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	black
Base	synthetic resin/plastic
Solvent	ester/aromatic solvents
Solids content	~ 58%
Density	1.17 g/cm^3
Flash point	- 4°C
Processing temperature	15°C – 25°C
Yield p. m^2 / 0.5 mm	approx. 700 g
Recommended film thickness wet	1250 µm
Salt spray test	500 µm dry film – 500 h
Available in	1 L

Spray - Hazards identification
2.1. Classification of the substance or mixture
GB CLP Regulation
Aerosol 1; H222-H229; Skin Irrit. 2; H315; Eye Irrit. 2; H319; Skin Sens. 1; H317; STOT SE 3; H336; STOT RE 2; H373; Aquatic Chronic 3; H412

Liter - Hazards identification
2.1. Classification of the substance or mixture
GB CLP Regulation
Flam. Liq. 2; H225; Skin Irrit. 2; H315; Skin Sens. 1; H317; Repr. 2; H361d; STOT SE 3; H336; STOT RE 2; H373; Aquatic Chronic 3; H412

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