

# 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 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 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**

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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.

# 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.

### 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 <sup>3</sup>
Flash point	- 4°C
Processing temperature	15°C – 25°C
Yield p. m <sup>2</sup> / 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

### 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.**