DINITROL 448

Pyrmohyd Stone Chipping and Underbody Protection on dispersion base

DINITROL 448 Pyrmohyd is a water-soluble stone chipping and underbody protection product with a dispersion base and corrosion protection pigments. This stone chipping protection is highly elastic, adheres well and is extremely effective against stone chippings. It is easy to coat with synthetic resin lacquers and 2-c acrylic lacquers, in addition to aqueous base lacquers. DINITROL 448 Pyrmohyd is not flammable. It contains no carcinogenic substances, does not require any special safety measures during application, and is exempt from labelling requirements in accordance with the regulation on dangerous substances at work.



- » Light grey / Black
- » Quick drying
- » Very strong stone chip protection
- » Long term flexible





Equipment

DINITROL Spray Tool HS 1-P
Art. No. 1700500

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 448

Art. No.	Size	Package	Color
11046	1 L	Can	Black
11049	1 L	Can	Light Grey
11558	20 L	Pail	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 448

Technical Details

Product descriptions
DINITROL 448 Pyrmohyd is a water-soluble stone chipping and underbody protection product with a dispersion base and corrosion protection pigments. This stone chipping protection is highly elastic, adheres well and is extremely effective against stone chippings. It is easy to coat with synthetic resin lac-quers and 2-c acrylic lacquers, in addition to aqueous base lacquers. Pyrmohyd is not flammable. It contains no carcinogenic substances, does not require any special safety measures during application, and is exempt from labelling requirements in accordance with the regulation on dan-gerous substances at work.

Applications
As stone chipping protection on front and rear vehicle areas, door sills and entrances. As an anti-drone agent on flat vehicle parts and as repair material to re-touch original stone chipping protective films.

Method of use
The material can be applied to uncoated steel, although better results are yielded with primed steel or intact old paint. The surfaces must be free from wax and grease, and be clean and dry. Rust and loose underbody protection must be removed carefully in order to prevent poor adhesion. Using the underbody suction gun, apply the undiluted product in a cross coat with 4 - 6 bar for structure applications. The higher the pressure, the finer the structure. To achieve a smooth surface, the product can be diluted with max. 15% water. Diluted material can also be applied using a cup gun. For large surfaces, the product can be applied with a drum pump (Airmix). A minimum tempera-ture of + 6°C is required for good film formation. Application is not possible in frosty condition. Any material which is not completely dry must be protected from frost.
Stir before use!

Cleaning
Freshly applied product can be removed from paints and lacquers with water. Wash all work tools immediately with water. Fresh, dried material can be removed with NC or synthetic resin thinner. Completely dry material can no longer be dissolved and can only be removed mechanically.

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

Over-Coating / 2-Layer-Application
DINITROL 448 can be overpainted with most common paints but a test is recommended before full scale application. For additional information please consult DINOL.

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	light grey, black
Base	water-soluble synthetic dispersion with rust protection pigments
Density	light grey: approx. 1.47 g/cm^3 black: approx. 1,46 g/cm^3
Viscosity	4850 mPas
Consistency	thick / slightly pasty
Drying time 200 my / 80°C	approx. 20 min (before oven drying ~ leave to air for 30 min)
Air drying	~ 2 hours
Maximum layer thickness	~ 500 my
Recommended film thickness wet	700 µm
Diluting agent:	Water
Shelf life / storage	12 months - frost-free
Available in	1 l funnel bottle (metal) / 60 L open-top drum

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.

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