

# DINITROL Penetrant LT

**Durable cavity protection product with very broad spectrum of applications**

DINITROL PENETRANT LT is a wax and resin based product with a very wide range of applications.

- » Petroleum resin-reinforced film
- » Improved wear resistance
- » Cavity and surface applications
- » Meets or exceeds MIL 16173 D/E Gr. 2 and 3



## Equipment (not for spray can)

**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 Penetrant LT

| Art. No. | Size   | Package | Color        |
|----------|--------|---------|--------------|
| 11470    | 500 ml | Can     | Trans. beige |
| 11080    | 1 L    | Can     | Trans. beige |
| 11078    | 60 L   | Drum    | Trans. beige |
| 11077    | 208 L  | Drum    | Trans. beige |

# DINITROL Penetrant LT

## Technical Details

### Product description

DINITROL Penetrant LT is a resin and wax based product that is suitable for cavity and general applications.

- Opaque to beige-transparent
- Excellent penetration
- Particularly water repellent
- Excellent low temperature properties
- Abrasion resistant

### Applications

DINITROL Penetrant LT can be used for open surfaces and in cavities like doors and other parts on cars, trucks and busses. DINITROL Penetrant LT can also be used for parts that are stored for a longer time or transported under very corrosive conditions.

### Method of use

DINITROL Penetrant LT is applied by spraying with manual or semi-automatic application equipment, and is suitable for either airmix or airless spraying. Stir the product before use. Application temperature should be between 15 and 30°C.

### Stir before use!

### Pre-treatment Substrates

The surface to be treated must be free of loose corrosion.

### Over-Coating / 2-Layer-Application

DINITROL Penetrant LT can be over-applied with any DINITROL bitumen underbody coating. For additional information, please consult DINOL GmbH.

### Storage

DINITROL Penetrant LT should be stored at temperatures between + 15 ° C and + 30 ° C and protected from direct sunlight. The product stored dry, cool and in the original sealed packaging has a shelf life of 2 years.

### 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

|                                   |  |
|-----------------------------------|--|
| Base                              | Resin and wax  |
| Colour                            | opal to beige transparent                                |
| Density (DIN EN ISO 2811-1)*1     | 0,86 g/cm <sup>3</sup>                                   |
| Viscosity at 23°C, DIN 4          | 18 seconds   |
| Solid content (DIN EN ISO 3251)*1 | 52% by weight  |
| Flash point                       | 40°C   |
| Aromatic content in solvent       | < 1%   |
| Recommended film thickness        | 40 µm  |
| Recommended film thickness wet    | 100 µm   |
| Drying time*1                     | 2 hours  |
| Low temperature adhesion          | - 40°C   |
| Effect on car paint               | none   |
| Removability                      | White Spirit   |
| Heat resistance                   | > 110°C  |
| Salt spray test (DIN EN ISO 9227) | > 1000 h at 40 µm DFT                                    |
| Penetration 50 µm gap             | > 30 mm  |
| Available in                      | 500 ml Spray can, 1 L Miniservice, 60 L Drum, 208 L Drum |

\*1 Beim Raumtemperatur 20°C

### Spray - Hazards identification

2.1. Classification of the substance or mixture  
GB CLP Regulation  
Aerosol 1; H222-H229; STOT SE 3; H336

### Liter - Hazards identification

2.1. Classification of the substance or mixture  
GB CLP Regulation  
Flam. Liq. 3; H226; STOT SE 3; H336; Asp. Tox. 1; H304

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