

DINITROL 4941 / CAR

Robust underbody protection for highly corrosive environments

DINITROL 4941 / CAR is an underbody coating used for complete or partial applications on the underbody of cars and other vehicles.



» OEM references

» Resistant universal film

» Easy to apply

» Excellent wear resistance

» Component protection

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 4941 / CAR

Art. No.	Size	Package	Color
11163	500 ml	Spray can	Black
11179	1 L	Can	Black
11160	5 L	Pail	Black
11178	20 L	Pail	Black
11177	60 L	Drum with plastic inliner	Black
11176	60 L	Drum	Black
11175	208 L	Drum with plastic inliner	Black
11174	208 L	Drum	Black
11480	900 L	Container	Black

a brand of



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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 4941 / CAR

Technical Details

Product description

DINITROL 4941 / CAR is a solvent borne bitumen-based underbody coating used for full or partial underbody applications.

DINITROL 4941 / CAR is a long-term protective product. The product leaves a firm, black film with short drying time and good adhesion and flexibility on all metal surfaces, rubber and plastic parts.

- OEM references
- Resistant universal film
- Easy to apply
- Excellent wear resistance
- Component protection

Applications

DINITROL 4941 / CAR is an underbody product for use in the treatment of vehicles during production, at PDIs and in aftermarket applications.

When applied to a clean, dry surface, it adheres to both painted surfaces and those coated with a layer of PVC or similar material. Zinc, rubber and plastics

are completely unharmed by the product. A clean and economic treatment on the line is assured by the products ease of application and high dry matter content. DINITROL 4941 / CAR is also designed for use on spare parts, machines and iron and steel structures in highly corrosive environment.

DINITROL 4941 / CAR is also very suitable as an anticorrosive coating for transport and warehousing under extremely corrosive conditions.

Method of use

DINITROL 4941 / CAR can be applied by manual or automatic application equipment, airless or airmix. Recommended application and product temperature is 15 – 30°C.

Pre-treatment Substrates

DINITROL 4941 / CAR can be applied directly to clean, dry and corrosion free surfaces. If corrosion is present, DINITROL ML or a DINITROL cavity wax shall be applied before.

Over-Coating / 2-Layer-Application

DINITROL 4941 / CAR cannot be painted. For additional information, please consult DINOL GmbH.

Storage

When the product is stored cool and dry, it will have a shelf life of at least 2 years when stored in unopened original packages.

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
Type of film	hard, waxy
Density*	approx. 1.10 g/cm ³
Viscosity at 23°C, Physica Z3	800 mPas
Dry matter content	69% by weight
Flash point	36°C
Recommended film thickness wet	500 – 800 µm
Recommended layer thickness dry	300 – 500 µm
Drying time* ¹	6 – 12 hours dust dry
Low temperature adhesion	- 20°C
Heat resistance	130°C
Removability	Hydrocarbon solvents
Salt spray resistance, ISO 9227	> 2000 hours, 500 µm dry film Two-layer, up to 3000 hours
Available in	500 ml Spray can / 1 L Mini service / 20 L Pail / 60 L Drum / 208 L Drum / Container

* at room temperature 20°C

Note: Opened packaging should be processed at short notice. For safety instructions, refer to the safety data sheet or the label on the packaging.

Spray - Hazards identification

2.1. Classification of the substance or mixture
GB CLP Regulation
Verordnung (EG) Nr. 1272/2008
Aerosol 1; H222-H229; Eye Irrit. 2; H319; STOT SE 3; H336; Aquatic Chronic 3; H412

Liter - Hazards identification

2.1. Classification of the substance or mixture
GB CLP Regulation
Flam. Liq. 3; H226; 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.