

# DINITROL 4941

## General description:

DINITROL 4941 is a significantly thixotropic corrosion preventive which provides longterm resistance against corrosion and abrasion, even under difficult conditions. When the solvents have evaporated, a tough, elastic, black, waxy protective film remains on the sheet metal, giving a high degree of protection. The film is also heat resistant and retains its adhesion to the plate at all usual repair and paint oven temperatures.

## Application:

DINITROL 4941 is an underbody product for treatment of cars, trucks and buses during production, at import plants and in the aftermarket. 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 unaffected by the product. A clean and economic treatment on the line is assured by the product's easy application and high solid content. DINITROL 4941 is also designed to be used on spare parts, machines and iron and steel structures in highly corrosion inductive conditions. It is also very suitable as a transport and storage anticorrosive for long and qualified transporting or warehousing under extremely corrosive circumstance.

## Method of use:

DINITROL 4941 can be applied by manual or automatic airless application equipment.

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Die in diesem Merkblatt gemachten Angaben sind das Ergebnis sorgfältiger Untersuchungen. Soweit sie sich auf die Anwendung beziehen, sind sie als Empfehlung zu betrachten, die dem Erfahrungsstand entsprechen. Wegen der Vielseitigkeit der Anwendungs- und Arbeitsweisen können wir jedoch eine Verbindlichkeit nicht übernehmen. Es wird daher ein vertragliches Rechtsverhältnis nicht begründet, und es entstehen aus eventuellen Kaufverträgen keine Nebenverpflichtungen.

All data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond 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 use of our products.

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**Technical properties:**

TEST	VALUE	METHOD
Colour	Black	
Type of film	Hard, waxy	
Density at 23°C	1040 kg/m <sup>3</sup>	DAM 4:1
Viscosity at 23°C	850 mPa s	DAM 5:8
Dry matter content	64 % by weight	DAM 2:4
Flash point	41°C	DAM 7:4
Rec. film thickness	300-500 µm	
Drying time	6-12 h	
Low temperature adhesion	-20°C	SAE J400
Effect on car paint	None	SS 186011
Removability	White Spirit	
Heat resistance	>130°C	SS 186035
Salt spray test	1500 h at 300µm	DAM 39:1
Consumption/m <sup>2</sup> , 500 µm	970 ml	

**Health & safety / storage:**

DINITROL 4941 classified as flammable liquid according to 91/155 EC. No EEC symbol is required.

Store in closed packaging in a dry and ventilated area.

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

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