

DINITROL 4010 Corroheat

Resistant corrosion inhibitor for surface and engine protection

DINITROL 4010 Corroheat is versatile and can be used in both open and closed areas. The product penetrates like a cavity wax. It can also be used in electrical systems to avoid galvanic corrosion and other negative influences such as moisture.

» High mechanical resistance

» High temperature resistance

» Excellent adhesion

» Long-term protection



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 4010 corroheat

Art. No.	Size	Package	Color
11250	500 ml	Can	Trans. beige
11249	1 L	Can	Trans. beige
11423	10 L	Pail	Trans. beige
11247	20 L	Pail	Trans. beige
11246	60 L	Drum	Trans. beige
11245	208 L	Drum	Trans. beige

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 4010 Corroheat

Technical Details

Product description

DINITROL 4010 Corroheat leaves a hard, transparent film that is resistant to both alkali and acids and is heat resistant up to a temperature of 200°C. It has a tack-free and clean film which facilitates a visual inspection of metal surfaces, reading of labels and numbers etc.

Applications

Appropriate parts to be treated with DINITROL 4010 Corroheat are for example engine compartments, engines and other parts which have to withstand high temperatures, like air-condition units, heating and cooling devices for buildings and industrial processes. DINITROL 4010 Corroheat is also suitable for applications where a firm and transparent film is required.

These applications can be inside cavities and box sections on cars, busses, trucks, trains and other objects like wind mills, cranes and agricultural equipment.

DINITROL 4010 Corroheat is also suitable for electrical installations like electrical connectors, circuit boards and other sensitive parts. Electricity shall be switched off during application and drying of the product.

DINITROL 4010 can be applied on mild and other types of steel, white metals and primed and painted surfaces.

The adhesion and flexibility on rubber and plastic parts at both low and high temperatures is very good so these type of parts do not have to be masked, if there are no other particular reasons.

Method of use

DINITROL 4010 Corroheat should be applied on a clean, dry surface. High or low pressure equipment can be used, airless or airmix. Application temperature between 15 – 30°C. Product hardness, flexibility and adhesion increases at higher drying temperatures.

Pre-treatment Substrates

Surfaces shall be dry, clean and free from corrosion.

Over-Coating

Normally not to be overpainted. 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	transparent beige
Type of film	hard, waxy
Density at 23°C	890 kg/m ³
Viscosity at 23°C, DIN 4	25 seconds
Dry matter content	47% by weight
Aromatic part in the solvent	0,5 %
Recommended film thickness wet	120 µm
Recommended film thickness dry	40 µm
Drying time	120 µm wet, 1 h with optimal ventilation 120 µm wet, 4-6 hours at RT 23°C 50% RH
Low temperature adhesions	-30°C
Effect on car paint	none
Removability within 3 months	Hydrocarbon solvents
Heat resistance	
Short-term	200°C
Long-term	160°C
Salt spray test (drying 24 h, 80°C)	500 h 50 microns dry 1000 h 100 microns dry 1500 h 150 microns dry
Available in	500 ml Spray Can / 1 L Can / 10 L Canister / 20 L Pail / 60 L Drum / 208 L Drum

Spray - Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation
Aerosol 1; H222-H229; Asp. Tox. 1; H304; Skin Sens. 1; H317;
STOT SE 3; H336; STOT RE 1; H372

Liter - Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation
Flam. Liq. 3; H226; Asp. Tox. 1; H304; Skin Sens. 1; H317;
STOT SE 3; H336; STOT RE 1; H372; Aquatic Chronic 3; H412

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