

DINITROL 970 HYDROCORR

Universal Protection

DINITROL 970 HYDROCORR has a wide range of use in most fields of corrosion protection. However, the objects to be treated must be free from dirt, oil and grease. It is excellent for corrosion protection between production operations, during transportation and storage, indoors or in a cold warehouse. This product is designed for protection of smooth steel surfaces and objects such as engines, engine details, spare parts, etc. Since DINITROL 970 is water-based the product can be used also for protection of damp objects exposed to rinsing water, emulsions, etc.



» **Transparent beige**

» **Waterborne**

» **Waxy, greasy film**

» **Indoor or outdoor under cover**

» **Easy removable**



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 970 HYDROCORR

| Art. No. | Size | Package | Color |
|----------|-------|---------|-------------------|
| 11127 | 25 L | Pail | Transparent beige |
| 11466 | 200 L | Drum | Transparent 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 970 HYDROCORR

Technical Details

Product description

DINITROL 970 has a wide range of use in most fields of corrosion protection. However, the objects to be treated must be free from dirt, oil and grease. DINITROL 970 is excellent for corrosion protection between production operations, during transportation and storage, indoors or in a cold warehouse. DINITROL 970 is designed for protection of smooth steel surfaces and objects such as engines, engine details, spare parts, etc. Since DINITROL 970 is water-based the product can be used also for protection of damp objects exposed to rinsing water, emulsions, etc.

Applications

DINITROL 970 can be applied by dipping or spraying. We do not recommend brushing as this might cause air inclusion into the product and result in an uneven film. We recommend application by a stainless pump at a temperature of 15 – 25°C. When the product film is still wet it can easily be removed with water and after drying with solvent or an alkaline remover.

Method of use

DINITROL 970 is designed to protect both ferrous and non-ferrous metals. Application: Dipping, spraying with low pressure airmix or high pressure airless equipment. The product should be applied at temperatures above 10°C (50°F).

Pre-treatment Substrates

Surface need to be clean, dry and free from corrosion.

Over-Coating

DINITROL 970 is not to be over-panted. For additional information, please consult DINOL GmbH.

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 | transparent beige |
| Type of film | waxy |
| Density at 23°C | 1010 kg/m ³ |
| Viscosity at 23°C (DIN 3) | 30 seconds |
| Dry matter content | 26% by weight |
| Recommended dry film thicknes | 10 µm |
| Recommended dry film thicknes wet | 40 µm |
| Water resistance | after – 1 h, at rec. film thickness |
| Salt Spray Test | 96 h |
| Humidity | 1000 h |
| Removability before drying | When the product film still is wet, it can easily be removed with water. After drying a solvent or cleaner is required. |
| Removability after drying | DINITROL 970 can be removed with mineral spirits or any similar solvent, alkaline cleaner or DINITROL Autocleaner. |
| Storage temperature | > 0 – 30°C |
| Available in | 25 L Canister / 200 L Drum / 750 L Container |

Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation
 Asp. Tox. 1; H304; Skin Irrit. 2; H315;
 Eye Dam. 1; H318; Skin Sens. 1; H317

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