

DINITROL 520

Glass and ceramic frit activator/adhesion promoter

The glass activator DINITROL 520 is an adhesion promoting formulation that can also improve the polyurethane adhesion to several metals and plastics.



» **Cleaning and activating agent for bonding surfaces**

» **Activator/adhesion promoter for automotive glass installations**

» **Works with DINITROL polyurethane adhesives**

» **No labelling and training obligation according to Reach Regulation 1907/2006 as < 0.1 % monomeric diisocyanates**



Equipment

INDUSTRY NITRILE-GLOVES XL 10-P
Art. No. 1734100

DINITROL Nitrile-Gloves L 10-P
Art. No. 1734300

DINITROL 520

Art. No.	Size	Package	Color
12024	30 ml	Bottle	Transparent
12020	250 ml	Bottle	Transparent
12025	1 L	Bottle	Transparent

a brand of



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DINITROL 520

Technical Details

Characteristics

The glass activator DINITROL 520 is a solvent-based adhesion promoter that can be used as a 1-step glass and/or ceramic frit activator or as a 2-step system with the DINITROL 538 Plus, 530 and 550 primers. DINITROL 520 also improves the adhesion on various metals, plastics, and other surfaces. Substrate testing is always recommended. The other advantages of the activator DINITROL 520 are:

- Pretreatment on glass
- Pre-treatment on metals and plastics
- Cleaning solution for adhesive surfaces

Application

Apply the glass activator evenly to the bonding surface using a woolen dauber, melamine foam, or paper towel. Wipe off any over-applied liquid leaving the transparent film on the surface as this is the adhesion promoter. The activator should only be applied in a thin layer.

Surface pre-treatment

The surface to be treated must be clean, dry and free of dust, oil and grease. Thoroughly clean glass bonding surface of the new windshield with DINITROL 582 to remove stubborn contamination on glass surfaces and the ceramic screen printing. It is recommended to carry out the pre-treatment according to the DINITROL work instructions for windshield replacement. Abrading the glass and/or ceramic frit bonding surface will enhance the adhesive and primer/activator bond.

Important NOTE:

Due to its moisture reactivity, the activator bottles should be immediately closed tightly after each use to limit the exposure to the moisture in the air and to prolong the use of the product. Expiration dates should be followed and product should not be used after the expiration date as noted on each bottle. Once the bottle has been open, the product should be used within a

maximum of 4 weeks. If the product shows signs of becoming cloudy or crystallizes, discard and do not use. Open a new bottle.

This product is for experienced users only suitable. For special applications, reference the DINITROL AGR Training Manual or consult with the DINITROL technical team.

Method of Use

The DINITROL 520 can be used on the glass and/or ceramic frit as a 1-step system. It can also be used as a 2 step system in conjunction with the DINITROL 538 Plus, 530, and 550 primers. Application can be done using a woolen dauber, melamine foam, or paper towel. A thin layer only should be applied to the bonding surface. excess or over-applied material should be wiped off using a clean dry paper towel. Dry/flash times must be followed. DINITROL 520 can be applied at the same temperature range as the DINITROL Glass Bonding Adhesives. See DINITROL AGR Training Manual for detailed instructions.

Occupational health and safety regulations

Before using DINITROL products, we recommend reading the relevant safety data sheet (MSDS) for the products. Here the user will find the information required for the safe processing, storage and disposal of chemical products and the MSDS contains physical, toxicological and other safety-related facts. This product is only suitable for experienced users.

Further information:

The following documents are available on request:

- Material safety data sheet
- DINITROL AGR Training Manual

Storage

Between 32 and 95°F, in tightly closed container pack in a dry and well-ventilated place store area.

* For complete and detailed instructions for proper use of this product for glass replacement, see DINITROL AGR Training Manual.

Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Flam. Liq. 2; H225; Skin Irrit. 2; H315; Eye Irrit. 2; H319; Skin Sens. 1; H317

Technical Data

Chemical Base	alcoholic solvents adhesion promoter
Colour	transparent
Drying time	min. 3 minutes*
Viscosity Brookfield	1 – 5 Pas
Density, 23°C	800 ± 30 kg/m ³
Application method	paper towel, woolen dauber, melamine foam + 20°F – 104°F
Application temperature	
Flash point	< 70°F
Flash-off time	min. 3 minutes*
Coverage	approx. 50 g/m ²
Shelf life	12 months (for bottles)
Available in	30 ml bottle, 250 ml bottle, 1 L bottle

1) 73°F / 50% rh