



NITRILE *PLUS*

OEM COATING: HEAT CURE

SERIES B190

WATER AND AUTOMOTIVE FLUID RESISTANCE



PORT BYRON, IL 61275 • 1-309-523-2121

1-800-747-1084 • FAX: 1-309-523-3912

www.sandstromproducts.com

DESCRIPTION

Nitrile *Plus* B190 is based on proprietary Sandstrom emulsion technology. It is designed for coating fibrous gaskets to enhance water and automotive fluids resistance properties and to improve seal ability.

LIMITATIONS

- Surfaces should be somewhat porous.
- Keep from freezing. Store between 40F - 100F.

NOTICE

Before using this product, read all warnings, limitations and safety information printed on the product label, Safety Data Sheet (MSDS), and Technical Data Sheet.

COMPOSITION AND PHYSICAL PROPERTIES

Net Weight per gallon	8.75 lbs./gallon ± 0.25 lbs. ASTM D1475	Color	Clear, Blue, Black or Custom colors upon request
Weight Solids	30% ± 2%	Cleanup	Water
VOC – water	0.93 lbs./gallon (113 g/L)	Force Cure:	60 minutes @ 300F
VOC + water	0.28 lbs./gallon (34 g/L)		
pH	8.5 - 10.5		
Viscosity	180 - 500 cps @ 77F Brookfield RVT spindle #4, 20 rpm		
Shelf Life	6 to 12 months		
Storage Conditions	40F – 100F		
Freeze/Thaw Stability	KEEP FROM FREEZING		

GENERAL

QC Cure test is to draw down a sample using a 0.006 bar. Allow to flash 30 minutes. Bake 60 minutes at 300F. After panel cools it must pass 30+ MEK double rubs (light pressure).

STIRRING

IMPORTANT! THIS COATING CONTAINS HEAVY PIGMENTS WHICH SETTLE RAPIDLY. THEREFORE, IT SHOULD BE STIRRED THOROUGHLY BEFORE USE AND CONTINUOUSLY DURING APPLICATION.

APPLICATION

Nitrile *Plus* B190 can be applied by a variety of coating or spray application techniques such as direct gravure, reverse roll, direct roll, pattern coater and HVLP spray or airless spray operations. Add defoamer if needed to the mixing tank prior to or during use and in the coater pan by spray.

IMPORTANT! DO NOT TOUCH CLEAN SURFACE WITH FINGERS - OIL FROM THE HANDS WILL INTERFERE WITH PROPER COATING ADHESION. Whenever possible, treat both contact surfaces (i.e., the shaft and the bearing).

BAKING

Nitrile *Plus* B190 must be cured for 60 minutes at 300F, or equal, for maximum performance. Flash time is 30 minutes prior to baking.

CLEANUP

Use water to cleanup any wet material.

REMOVAL OF B190

Once air dried, Nitrile *Plus* B190 can be removed by washing with solvents such as MEK or Acetone.

WARNINGS: Constant stirring is imperative for best results.

DANGER! USE WITH ADEQUATE VENTILATION.

IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY

We warrant our products to be free of manufacturing defects and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and are accurate to the best of our knowledge. They are based on technical data we believe to be reliable and are intended for use by persons having skill and "know-how" at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. **NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED OR THE RESULTS OBTAINED FROM ITS USE OR THAT OUR PRODUCT SHALL BE MERCHANTABILITY OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT.** Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders of other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. SANDSTROM PRODUCTS COMPANY