



NEOPRENE PHENOLIC ADHESIVE

ADHESIVE: AIR DRY OR HEAT CURE

SERIES B705

OIL AND FUEL RESISTANCE



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DESCRIPTION

Neoprene Phenolic Adhesive B705 is an adhesive designed to laminate paper to paper, paper to phenolic and paper to metal. B705 can be "B" staged (force dried until the surface is dry but at a temperature that is not too hot to cause curing, such as 250° - 280°F) and then hot roll laminated or hot pressed.

OUTSTANDING FEATURES/BENEFITS

B705 exhibits excellent resistance to oils and fuels.

TYPICAL USES

B705 is used extensively in the gasket market.

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.

LIMITATIONS

- One of two mating surfaces must be somewhat porous.
- Keep from freezing. Store between 50°F - 90°F.

COMPOSITION AND PHYSICAL PROPERTIES

Net Weight per gallon	8.6 lbs. ± 0.2 lbs. (Theoretical)	Vehicle	Rubber
Weight Solids	27 - 34%	Color	Clear
Volume Solids	26 - 31% (Theoretical)	Cleanup	Water
VOC – water	1.75 lbs./gallon	Thinner	See THINNING
VOC + water	0.65 lbs./gallon	Bonding Temperature	250°F - 280°F
Odor	Ammonia	Force Cure	300°F - 350°F
pH	9.5 - 11.5		
Viscosity	28 - 100 cps @ 77°F Brookfield RVT spindle #1, 100 rpm		
Shelf Life	6 months		
Storage Conditions	50°F – 90°F		
Freeze/Thaw Stability	KEEP FROM FREEZING		
Flash Point	175°F Setaflash		
Coverage Rate*	450 sq. ft./gal @ 1mil DFT		

*Actual figures do not include spray loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

STIRRING

IMPORTANT! THIS COATING SHOULD BE STIRRED THOROUGHLY BEFORE USE.

THINNING

No thinning required - use product as supplied.

APPLICATION

Neoprene Phenolic Adhesive B705 can be applied by direct gravure, reverse or direct roll, pattern coater and conventional, HVLP or airless spray. Once coated and "B" staged, parts may be stored up to 6 months before curing.

CURING

Heat cure at 300°F - 350°F, depending on dwell time.

CLEANUP

Use water to clean up any wet material.

REMOVAL OF B705

Once air dried, Neoprene Phenolic Adhesive B705 can be removed by washing with solvents such as Toluene, Xylene, MEK, Acetone or Aromatic 100.

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