



PDC® F-830 MURACULON

PDC® F-872 MURACULON [low voc]

VINYL SOLVENT BASE FOR INDUSTRIAL USE ONLY

DESCRIPTION:

F-830 Muraculon is a vinyl based coating used to seal unskinned polyurethane foams. F-830 can also be used on molded polyurethane and closed cell foam containing vinyl.

F-830 Muraculon will produce a skin/membrane on unskinned polyurethane foam to create a barrier to moisture and chemicals. This skin has excellent resistance to fluids and petroleums. F-830 is a tough coating that adds durability to foam and imparts abrasion as well as puncture resistance.

These qualities find particular use in the medical industry, where cushioning and positioning devices are fabricated and used in sterile environments, as well as therapeutic practices. Other uses include cushioning for athletic devices, seat cushions, packaging and acoustical panels. F-830 is an excellent, cost effective replacement for Hypalon® coating.

OTHER FEATURES INCLUDE:

Wide selection of colors.

Single component - no catalyst.

Passes UL94 HBF

Fast dry time.

F-830 VOC content average 3.2 #/gal [see msds]

F-872 VOC content average 1.4 #/gal [see msds]

Does not cause artifacts in imaging applications

SPECIFICATIONS: Same for both products

Solids: (wt) 26%

Temperature use range: -0°F to 200°F

Block resistant: 4hr @ 140°F

Coverage: 80 sq. ft. per gallon at 5 mils [dft]

Finish: matte-satin

Shelf life: 1+ year @ 77 f unopened container

Tensile: [ASTM D-412] 713psi

Elongation: [ASTM D-412] 364%

Tear Strength:[ASTM D-1004] .125

Chemical resistance: In House Test Results (ASTM D1308) same for both products

Mineral oil:	very good	Machine Oil:	very good
Saline:	very good	Blood:	very good
Urea (6% in H2O):	very good	All purpose cleaner:	very good
Betadiene (Iodine):	*very good	Acid (10% sulfuric in H2O):	very good
Gasoline:	good	Alcohol:	very good

*stained after 5 minutes.

ALTERNATIVE PRODUCTS:

F-874, F-888, refer to technical data sheets for more information.

We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the applications of this information or the safety and suitability of our products, either alone or in combination with other product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products whether used alone or in combination with other products. Ever changing V.O.C. regulations in your area may require you to contact local authorities for proper use and/or disposal of this product. Should you need further assistance, please contact PLASTI DIP INTERNATIONAL technical service.