

Number 11

TECTYL® 810 PROTECTS SPRING WIRE

The following are the results that an automobile seat spring manufacturer has received from an independent laboratory test of Tectyl[®] 810 (mixed 12 parts water to 1 part Tectyl[®] 810).

The test was conducted in accordance with automotive specifications of 96 percent and 100 percent relative humidity at $100^{\circ}F(38^{\circ}C) \pm 2^{\circ}$ on spring wire at various gage diameters.

	7½ Gage	10 Gage	12 Gage
Hours in Test			
25	0%	0%	0%
50	0%	0%	0%
75	0%	0%	0%
100	Trace	2%	Trace
125	1%	3%	2%
150	6%	6%	5%

PERCENT CORROSION

Spring manufacturers have concluded that this is very satisfactory, since the automotive specification requires that not more than 5 percent of the area is permitted to be rusted after only 100 hours exposure.

Tectyl[®] 810 at 12:1 is sprayed on the spring wire immediately after it is formed to shape and relieve stress. The spray cools the spring and deposits the protective coating. The springs are packaged loose in large cardboard boxes with paper layer separators for shipment.

The automotive specification requires that the oil coating not "bleed" through upholstery.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence, or otherwise is limited to the purchase price of the material. Freedom to use any patent owned Daubert Chemical Company, Inc. or others is not to be inferred from any statement contained herein.