

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°F (38°C) ± 2° on spring wire at various gage diameters.

PERCENT CORROSION

	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%

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.