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## Evaluating Daubert Uniwrap MPI creped paper

- **Background:** Daubert Uniwrap MPI creped paper, was submitted to Cortec Corporation. An evaluation is sought.
- **Purpose:** Evaluate the corrosion inhibition performance of Daubert UniWrap MPI creped paper.
- Method: Razor Blade Test VIA Test
- Materials: Razor Blade Test Kit VIA Test Kit Submitted Daubert Uniwrap MPI creped paper Cortec VpCI-146 creped paper

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**Procedure:** The above tests were performed according to standard procedures for each.

## **Results:**

Razor Blade Test (carbon steel)					
Material	Panel #1	Panel #2	Panel #3		
Submitted Daubert	Pass	Pass	Pass		
UniWrap MPI					
creped paper					
Cortec VpCI-146	Pass	Pass	Pass		
paper Creped					
Control	Fail	Fail	Fail		

Note: papers absorbed water

Razor Blade Test (copper)

Material	Panel #1	Panel #2	Panel #3
Submitted Daubert	Pass	Pass	Pass
UniWrap MPI			
creped paper			
Cortec VpCI-146	Pass	Pass	Pass
paper creped			
Control	Fail	Fail	Fail

Note: papers absorbed water



VIA Test					
Material	Plug #1	Plug #2	Plug #3		
Submitted Daubert	Grade 1	Grade 2	Grade 2		
UniWrap MPI creped paper					
Cortec VpCI-146 paper creped	Grade 3	Grade 3	Grade 3		
Control	Fail	Fail	Fail		

## **Conclusion:**

(1) Submitted Daubert UniWrap MPI creped paper, fails to provide sufficient vapor phase corrosion inhibition.

VIA Test Grades (Grade 2 or 3 are passing)

		Grade 0	I
Grade 0:	Blind test No corrosion inhibiting effect		)
Grade 1:	Blind test	Grade 1	
	Minute corrosion inhibiting effect		
Grade 2:	Blind test		
	Medium corrosion inhibiting effect	Grade 2	
Grade 3:	Blind test		
	Good corrosion inhibiting effect		
		Grade 3	

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