

## *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

**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 UniWrap MPI creped paper	Pass	Pass	Pass
Cortec VpCI-146 paper Creped	Pass	Pass	Pass
Control	Fail	Fail	Fail

Note: papers absorbed water

Razor Blade Test (copper)

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

Note: papers absorbed water



### VIA Test

Material	Plug #1	Plug #2	Plug #3
Submitted Daubert UniWrap MPI creped paper	Grade 1	Grade 2	Grade 2
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: Blind test  
No corrosion inhibiting effect
- Grade 1: Blind test  
Minute corrosion inhibiting effect
- Grade 2: Blind test  
Medium corrosion inhibiting effect
- Grade 3: Blind test  
Good corrosion inhibiting effect

