

NU-CALGON WHOLESALER, INC.
2611 Schuetz Rd.
St. Louis, MO 63043

WO# C-0258617
Report Date: 12/20/2024
Test Date: 11/18-12/18/2024
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Attention: Doug Gildehaus

REPORT OF ANALYSIS

MATERIAL: 10 Ea., 4" x 6" Graphene Coated Panels

SUBJECT: Salt/SO₂ Spray Testing

TEST METHOD: ASTM G85-09: Annex 4

RESULTS:

The above referenced samples were exposed to acidified synthetic seawater for 720 hours per ASTM G85-09 Annex 4. The samples were checked and evaluated every 168 hours to verify the integrity. See Table 1 for results.

Exposure Time	Results
168	No Corrosion or defects
336	No Corrosion or defects
504	No Corrosion or defects
672	No Corrosion or defects
720	No Corrosion or defects

Table 1

See Figures 1 through 6.

BA/jlb


Brenden Allen (Dec 24, 2024 10:35 CST)

Brenden Allen, Manager
Chemical Testing

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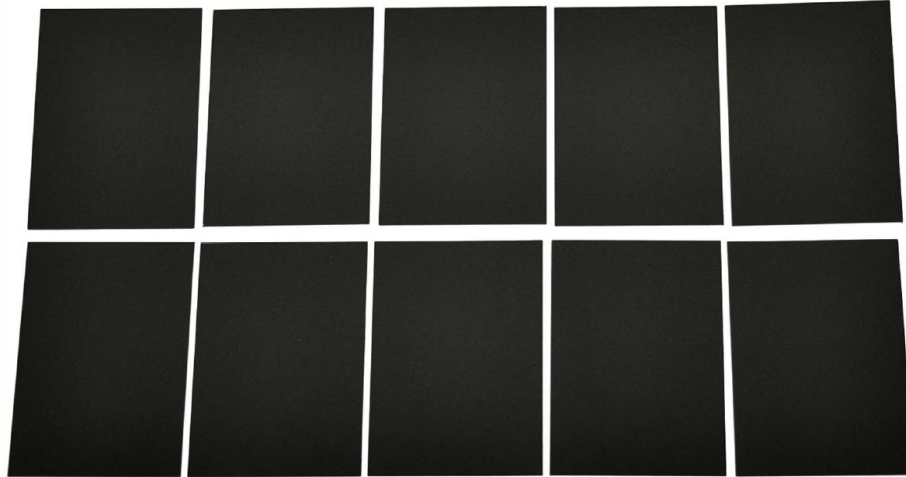
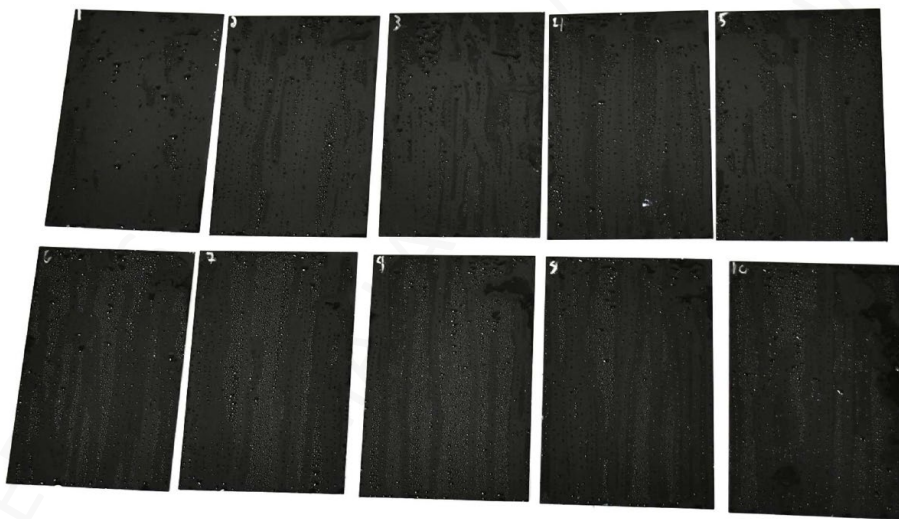


Figure 1- As Received Appearance



168 hrs - See above

Figure 2- After 168 Hours of Sulfur Dioxide/Salt Spray Exposure

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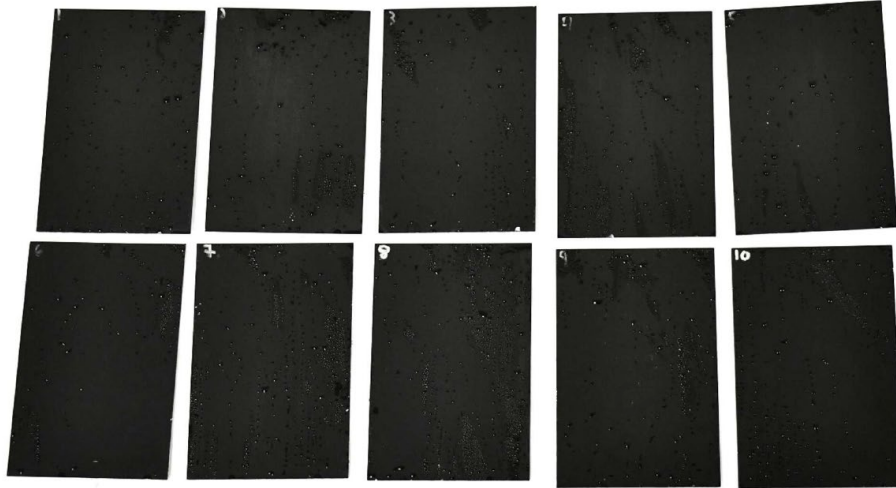


Figure 3- After 336 Hours of Sulfur Dioxide/Salt Spray Exposure

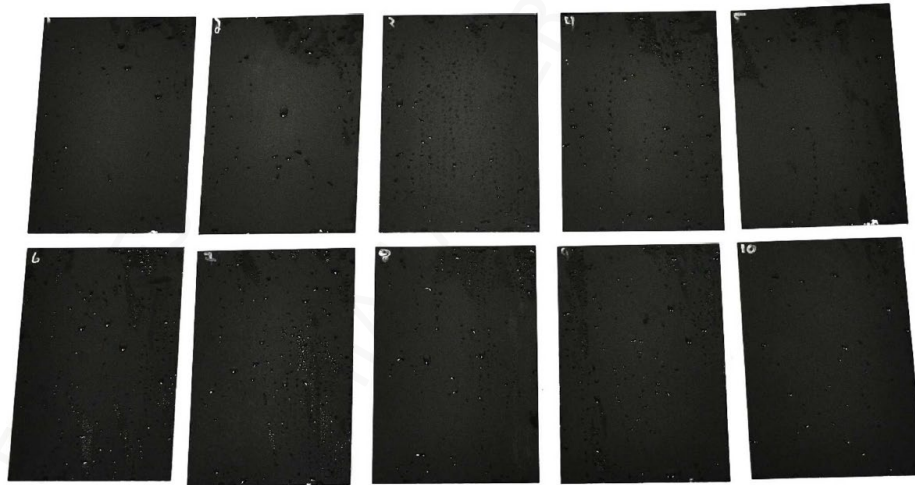


Figure 4- After 504 Hours of Sulfur Dioxide/Salt Spray Exposure

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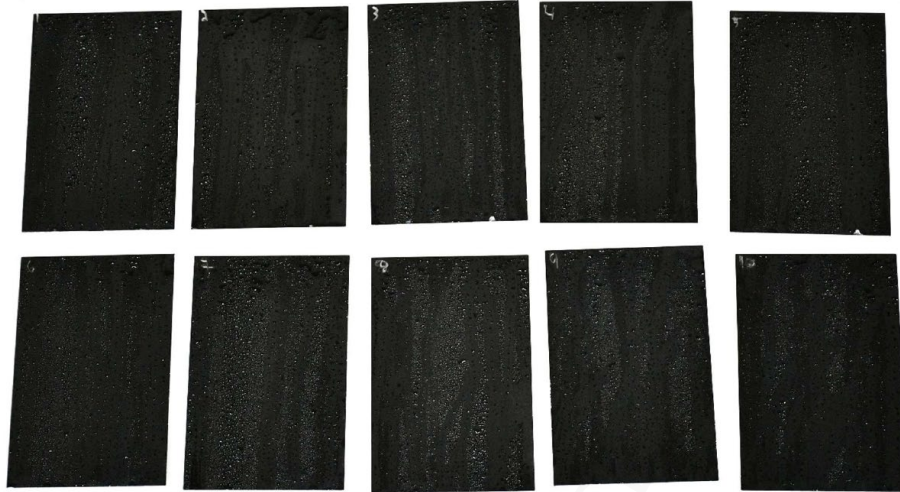


Figure 5- After 672 Hours of Sulfur Dioxide/Salt Spray Exposure

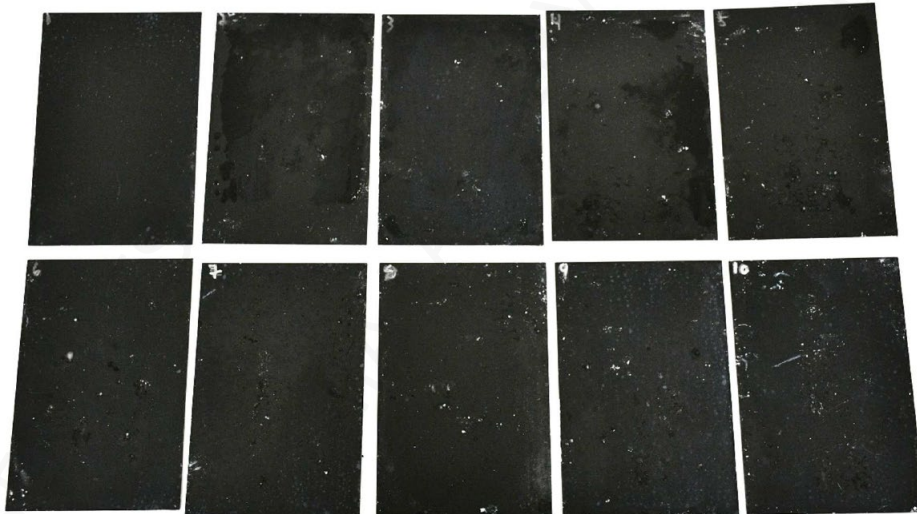


Figure 6- After 720 Hours of Sulfur Dioxide/Salt Spray Exposure

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