

Columbia Coatings

# Technical Data Sheet

Columbia Coatings  
1173 Industrial Park Rd  
Columbia, TN 38401  
931-388-7730  
931-388-5573 FAX



|                |                 |
|----------------|-----------------|
| <b>Number:</b> | CS1693055       |
| <b>Name:</b>   | Mermaid Madness |
| <b>Type:</b>   | TGIC            |

## Powder Properties

|                              |                                |
|------------------------------|--------------------------------|
| <b>Specific Gravity</b>      | Approx. 1.53 g/cm <sup>3</sup> |
| <b>Storage Temp</b>          | < 80°F (27°C)                  |
| <b>Theoretical Coverage</b>  | 126 sq. ft/lb. @ 1 mil         |
| <b>Particle Distribution</b> | n/a                            |

## Coating Properties

|                        |   |
|------------------------|---|
| <b>Film Thickness</b>  | Recommended Film Thickness: 2–3 mils                          |
| <b>Cure Schedule</b>   | Metal Temperature:<br>20 minutes at 320°F (160°C)             |
| <b>Gloss Level</b>     | 90+% @ 60°  |
| <b>Pencil Hardness</b> | H (ASTM D3363)  |
| <b>Flexibility</b>     | 1/8" (ASTM D522) (Conical Mandrel)                            |
| <b>Adhesion</b>        | 5B (ASTM D3359)   |
| <b>Direct Impact</b>   | 120 in-lb. direct (ASTM D2794)                                |
| <b>Reverse Impact</b>  | 120 in-lb. direct (ASTM D2794)                                |
| <b>Salt Spray</b>      | 500 Hrs. Pass <1/8" Scribe Creep<br>- No Blisters (ASTM B117) |

[www.columbiacoatings.com](http://www.columbiacoatings.com)