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## Product Data Sheet

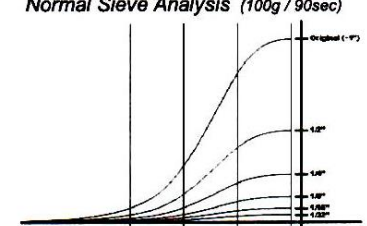
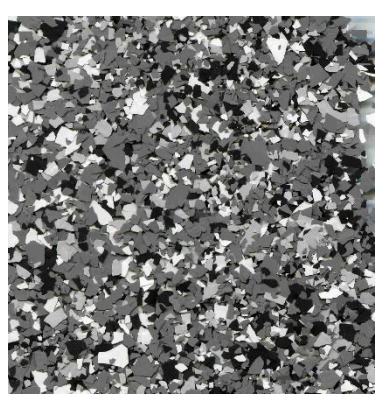


## ColorFlakes™

### Decorative Vinyl Color Chips/Flakes

For use in Seamless, Resin-based Flooring Systems

For more information, please visit our website at [www.torginol.com](http://www.torginol.com)



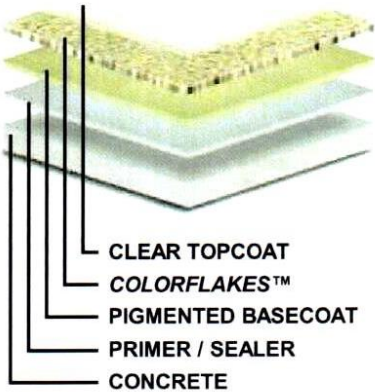





<u>DESCRIPTION</u>	<u>CARACTERISTICS</u>	<u>SIZING &amp; BLENDING</u>
<p><b>Product Name :</b>            Decorative Vinyl Color Chips/Flakes            Trade Name : <i>ColorFlakes™</i></p> <p><b>Manufacturer :</b>            Torginol, Inc.            P.O Box 102            710 Forest Avenue            Sheboygan Falls, WI 53085 USA            (800) 558-7596 toll-free            (920) 694-4800 téléphone            (920) 694-4801 facsimile  <a href="http://www.torginol.com">www.torginol.com</a>            service@torginol.com</p> <p><b>Torginol ColorFlakes™</b>, also known as color <b>Chips, flake</b> or <b>fleck</b> are composed of water-based resin materials, inorganic minerals, additives and various pigments. This unique product is integrally pigmented, brilliantly colored, random in shape, sized within a standardized range and custom blended with infinite options to achieve optimal appearance and texture qualities with a resin-based flooring or wall-coating system.</p> <p><b>ColorFlakes™ Advantages:</b></p> <ul style="list-style-type: none"> <li>• Custom design to match any decor</li> <li>• Over 20 color-styles « in-stock »</li> <li>• No-flammable</li> <li>• Water-based chemistry</li> <li>• Optimal flexibility &amp; strength</li> <li>• Colorfast, UV stable pigments</li> <li>• Forgiving application</li> <li>• Fast turnaround times</li> <li>• Custom color-matching available</li> <li>• Lab tested resin compatibility</li> <li>• Suitable in many environments</li> <li>• Diligent quality control program</li> <li>• Hide sub-surface imperfections</li> </ul>	<p><b>Color :</b>  <i>Spectrophotometer ASTM E1866</i>  <math>\Delta E \leq 1.0</math> Pass</p> <p><b>Dry Film Thickness :</b>  <i>Micrometer ASTM D1005</i>            Mils Dry 4 – 5 mils</p> <p><b>Shape :</b>  <i>Visual evaluation</i>            Random Pass</p> <p><b>Odor :</b>  <i>Olfactory Evaluation ASTM D1296</i>            Odorless Pass</p> <p><b>Surface Texture ::</b>  <i>Visual Evaluation</i>            Smooth Pass</p> <p><b>Metamerism :</b>  <i>Visual Evaluation ASTM D4086</i>            Nonmetameric Pass</p> <p><b>Sheen :</b>  <i>60° Gloss Meter ASTM D523</i>            &lt;15 units Pass</p> <p><b>Dry Film Flexibility :</b>  <i>Mandrel Bend Test ASTM F137*</i>            Interior Angle <math>\leq 110^\circ</math> Pass</p> <p><b>Hiding Power :</b>  <i>Visual Evaluation ASTM D6762</i>            Opacity &gt; 98% Pass            (Except color C2250)</p> <p><b>Size Distribution:</b>  <i>Normal Sieve Analysis (100g / 90sec)</i></p>  <p><small>*ASTM procedure modified to accommodate the unique characteristics of ColorFlakes™ material.</small></p>	<p><b>Sizing Options :</b>            1-3 mm</p>  <p><b>Custom Blending :</b></p> <p>Use ColorFlakes to coordinate your floors and walls with any decor. Our extensive line ColorFlakes gives you the ability to custom design blends to match any color-scheme. Either choose from one of our signature blend designs or creatively mix and match colors to develop a unique color array that best fits your project.</p>



# ColorFlakes™

Decorative Vinyl Color Chups/Flakes



<u>COLOR INDEX</u> (Sorted by item Number)	<u>APPLICATION</u>	<u>SYSTEM COMPATIBILITY</u>
<p><b>Standard Colors</b></p> <p>C1020 (Purple) C1050 (Black) C1420 (Kaki) C1800 (Light Grey) C1820 (White) C2200 (Yellow) C5102 (Light Green) C5114 (Dark Grey) C5304 (Dark Brown) C6602 (Light Brown) C6804 (Orange) C9905 (Light Blue) C9910 (Cream) C9920 (Red) C9967 (Blue) C9983 (Dark Blue) C9995 (Red)</p> <p><b>Metallic Colors</b></p> <p>M1000 (Multy) M1040 (Amber) MB - 1005 MB -1006</p>	<p><b>Floor Application Coverage Rates</b></p> <p><b>Hand Broadcasting :</b></p>  <p><b>Pneumatic Hopper-Blower Gun :</b></p> 	<p><b>SYSTEM COMPATIBILITY</b></p> <p><b>Lab tested resin chemical compatibility :</b></p> <ul style="list-style-type: none"> <li>• Epoxy</li> <li>• Polyurethane</li> <li>• Polyurea</li> <li>• MMA</li> <li>• Polyaspartic</li> <li>• Various Polymers</li> <li>• And others ...</li> </ul> <p><b>Note :</b> In 40+ years of manufacturing <i>ColorFlakes™</i>, there are no known resin incompatibilities. However, Torginol recommends unknown resin compatibility testing prior to use..</p>
<p><b>Mixed flakes colors</b></p> <p>B201 B204 B206 B207 B209 B212 B213 B214 B215 B216 B217 B218 B219 B220 B221 B223 B227 B229 B230 B310 B331 B411 B414 B602 B606 B616</p>	<p><b>TYPICAL SYSTEM</b> (Approximate dry film thickness : 15 – 30 mils)</p>  <p>For best results, 10-15 mils of clear top-coating is recommended to fully encapsulate <i>ColorFlakes™</i> and provide a durable wearing surface.</p>	<p><b>PRODUCT LIMITATIONS</b></p> <ul style="list-style-type: none"> <li>• <i>ColorFlakes™</i> are random in shape due to our manufacturing process.</li> <li>• Although the colorfast pigments in the <i>ColorFlakes™</i> are UV stable, the specifications for the UV stability and environmental durability of your coating system will determine outdoor suitability.</li> <li>• Due to inherent product characteristics, a small amount of finer particles will be present within each box.</li> <li>• Do <b>NOT</b> apply <i>ColorFlakes</i> in rain.</li> </ul> <p><b>STORAGE</b> Store <i>ColorFlakes™</i> in an air tight poly-bag in a dry environment at room temp. To avoid moisture, humidity and product degradation.</p>
		<p><b>RECOMMENDED USES</b></p>      <p>Aircraft Hangers, Cafeterias, Churches Garages Floors,, Bars, pubs &amp; taverns Basements Bathrooms Bowling Alleys Butcher Shops Clean Room Commercial Kitchen Dog Kennels Greenhouses Grocery Stores Hallways Hospitals Industrial Hallways Laboratories Laundromats Locker Rooms Night club Offices Pet stores Schools Zoos Show Rooms Restaurants...</p>