

**Table 6.4.3 A: Desirable Performance and Cost Characteristics of Hexavalent Chromium Passivates**

(Wynn and Bishop 2005)

<ul style="list-style-type: none"><li>• Prevents Oxide Formation</li><li>• Provides Color</li><li>• Slows corrosion in prototypic tests (e.g. salt, spray)</li><li>• Provides adhesion for organics (e.g. paint)</li><li>• Helps prevent corrosion of painted surfaces (e.g. creep)</li><li>• Conductive</li><li>• Thin</li></ul>	<ul style="list-style-type: none"><li>• Flexible</li><li>• Lubricious</li><li>• Easily applied</li><li>• Durable</li><li>• Resilient (repairs itself)</li><li>• Coats in recesses</li><li>• Easy to strip</li><li>• Inexpensive equipment</li><li>• Single tank</li><li>• Inexpensive chemistry</li></ul>
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