42-SS Soldering Flux

Features

• Excellent Thermal Stability
• Rapid Wetting Action
• Use on Stainless Steel and Difficult-to-Solder Metals
• Water-Based

Introduction

42-SS is a water-based inorganic salt formulation developed for soldering stainless steel and other difficult-to-solder metals. 42-SS provides fast wetting and effective oxide removal for dependable soldering.

Process Recommendations

42-SS residue can be removed with water or water with 1-2% hydrochloric acid. 42-SS does not require thinning; if necessary the flux can be diluted with water.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.520</td>
</tr>
<tr>
<td>Pounds/Gallon</td>
<td>12.73</td>
</tr>
<tr>
<td>Solids Content</td>
<td>57%</td>
</tr>
<tr>
<td>Flash Point</td>
<td>None</td>
</tr>
<tr>
<td>Flux Type</td>
<td>INH1</td>
</tr>
</tbody>
</table>

All information is for reference only. Not to be used as incoming product specifications.

Packaging

• 5 gallon containers
• 55 gallon drums

Technical Support

Indium Corporation’s internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Material Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in solder properties, alloy compatibility and selection of solder preforms, wire, ribbon and paste. Indium Corporation’s Technical Support engineers provide Rapid Response to all technical inquiries.

Material Safety Data Sheet

The MSDS for this product can be found online at http://www.indium.com/techlibrary/msds.php