PRODUCT DATA SHEET

80 Battery Flux

Introduction

80 Battery Flux is specially formulated for cast-on-strap manufacturing of batteries. This flux offers a wide process window at various temperatures and an extended life.

80 Battery Flux does not contain any chlorides, heavy metals, or organic acids that could affect the long-term life of the battery.

Features

- Low fuming
- Minimal residue
- Low smoke
- Low evaporation

Physical Properties

<table>
<thead>
<tr>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Light Amber</td>
</tr>
<tr>
<td>Specific Gravity @ 25°C (77°F)</td>
<td>1.100</td>
</tr>
<tr>
<td>Pounds per Gallon</td>
<td>9.17</td>
</tr>
<tr>
<td>Flash Point (°F TCC)</td>
<td>&gt;200°F</td>
</tr>
</tbody>
</table>

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

Process Recommendations

80 Battery Flux can be applied by dipping, spraying, or brushing, and functions well in a closed or open process system. This flux has a long working life in the flux pot and can be thinned with water, if necessary.

Packaging

- 5 gallon containers
- 55 gallon drums

Safety

Normal acid handling precautions should be observed.

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.

Safety Data Sheets

The SDS for this product can be found online at http://www.indium.com/sds

Test Result

Color: Light Amber

Specific Gravity @ 25°C (77°F): 1.100

Pounds per Gallon: 9.17

Flash Point (°F TCC): >200°F