TECHNICAL DATA SHEET

CATEGORY: HIGH SOLIDS LIQUID FLUX
NAME: R101-1010

FEATURES

- EXCELLENT THERMAL STABILITY
- HIGH TACK FORCE
- IDEAL FOR BGA ASSEMBLY & REPAIR
- SOLVENT OR SAPONIFIER CLEANABLE

DESCRIPTION

R101-1010 is high solids liquid flux comprised of resin blended with esters. This allows thermal stability and maximum tack. The activity level is similar to R Type flux. This flux has a stabilizer to maintain a consistent viscosity over a wider temperature than typical paste fluxes. R101-1010 has a high solids content, giving it an amber, honey-like appearance.

FLUX APPLICATION

R101-1010 can be dispensed, rolled or printed. This material is ideal for holding solder preforms and components in place during pre-reflow handling. R101-1010- is ideal for ball grid array assembly and repair.

VISCOSITY vs. TEMPERATURE

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>Viscosity in Kcps</th>
<th>Temperature (°C)</th>
<th>Viscosity in Kcps</th>
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<td>40</td>
<td>8</td>
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<td>9</td>
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<td>61</td>
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<tr>
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</tbody>
</table>

CLEANING

R101-1010 paste flux is solvent soluble or can be cleaned in saponified water, if necessary. AIMTERGE 520A is recommended. When used on a ceramic board, AIM MP-Cleaner can be used to remove baked on flux residue.

HANDLING

- When packaged in jars this material has a shelf life of 2 years refrigerated or 1 year at room temperature. When packaged in syringes this material has a shelf life of 1 year refrigerated or 6 months at room temperature.
- Do not store near fire or flame.
- Keep paste flux away from sunlight as it may degrade the product.

PACKAGING

R101-1010 paste flux comes standard in syringes, jars, and cartridges.

SAFETY

- Use with adequate ventilation and proper personal protective equipment.
- Refer to the accompanying Material Safety Data Sheet for any specific emergency information.
- Do not dispose of any lead-containing materials in non-approved containers.

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