



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

Temperature (C°)	Viscosity in Kcps	Temperature (C°)	Viscosity in Kcps
40	8	26	57
35	9	25.5	61
33	13	25	68
31	18	24	80
30	22	23.5	86
29	27	23	91
27	46	22	100

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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04.22.04

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