

## WS PASTE FLUX

### FEATURES

- Excellent Wetting
- Wide Process Window
- Easily Cleaned Residue
- Long open life

### DESCRIPTION

AIM WS Paste Flux is a water washable tacky/rework flux designed be used for general touch up or rework of printed circuit boards, and for attaching spheres to ball grid array (BGA) packages. WS Paste Flux offers high activity and is compatible with all tin-lead and lead-free alloys and can be used for a wide range of applications. WS Paste Flux can be dispensed, dip/pin transferred, or stencil printed. WS Paste Flux is available in 10cc and 30 cc syringes.

### APPLICATION

When being used in rework, application should be limited to the area being worked. Application via dispense needle is recommended.

### CLEANING

WS Paste Flux **must** be cleaned with normal tap water. Deionized water is recommended for the final rinse. A temperature of 38°C – 60°C (100°F - 150°F) is sufficient for removing residues. An in-line or other pressurized spray cleaning system is recommended.

### HANDLING & STORAGE

Parameter	Time	Temperature
Sealed Shelf Life	6 Months	Room Temperature
Sealed Shelf Life	1 Year	Refrigerated at 4-12°C

WS Paste Flux has a sealed shelf life of six (6) months when stored at room temperature and one year when refrigerated. Do not store new and used paste flux in the same container.

### SAFETY

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

### TEST DATA SUMMARY

Name	Test Method	Results
IPC Flux Classification	J-STD-004	ORM1
Name	Test Method	Results
Copper Mirror	J-STD-004B 3.4.1.1 IPC-TM-650 2.3.32	Medium
Qualitative Halides, Silver Chromate	J-STD-004B 3.5.1.1 IPC-TM-650 2.3.33	Halides Present
Surface Insulation Resistance	J-STD-004 3.4.1.4 IPC-TM-650 2.6.3.3	PASS
Acid Value Determination	J-STD-004B 3.4.2.2 IPC-TM-650 2.3.13	50.76-56.61 mg KOH per gram flux Typical
Visual	J-STD-004B 3.4.2.5	Dark brown
Viscosity		Gel-like consistency

\*All information for reference only. Not to be used as incoming product specifications or for process design. Consult Certificate of Analysis for product specific information.

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