



# TECHNICAL DATA SHEET

CATEGORY: **ROSIN ACTIVATED FLUX**  
NAME: **RA-301**

## FEATURES

- ROSIN ACTIVATED
- MEETS OR EXCEEDS J-STD-004
- RESIDUES EASILY REMOVED
- WIDE PROCESS WINDOW
- VERY GOOD WETTING
- ROH1 IPC FLUX CLASSIFICATION

## DESCRIPTION

RA-301 is a fully activated rosin-based flux formulation containing 35% solids. RA-301 has a very wide process window, which makes it an acceptable alternative to a variety of environments and process applications. RA-301 has a high activity level that provides bright, shiny solder joints and is very effective in tarnish or oxide removal.

## HANDLING

- RA-301 has an unopened shelf life of 1 year when stored at room temperature.
- RA-301 is shipped ready to use directly from the container, no mixing necessary.
- Should it become necessary to thin RA-301, the use of AIM Common Flux Thinner is recommended.
- Do not store new and used chemical in the same container. Reseal any opened containers.
- Do not store near fire or flame. Keep away from sunlight as it may degrade product.

## CLEANING

Post-process residues should be cleaned. Cleaning can be accomplished with saponified tap water. AIMTERGE 520A is recommended. Deionized water is recommended for the final rinse. A temperature of 100°-150°F is sufficient for removing residues. An in-line or other pressurized spray cleaning system is suggested, but is not required.

## PACKAGING

RA-301 comes packaged in 8 oz. spray bottles, 1 and 5 gallon containers, and 55-gallon drums.

## 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 waste materials in non-approved containers.

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AIM IS ISO9001:2008 & ISO14001:2004 CERTIFIED

The information contained herein is based on data considered accurate and is offered at no charge. Product information is based upon the assumption of proper handling and operating conditions. All information pertaining to solder paste is produced with 45-micron powder. Liability is expressly disclaimed for any loss or injury arising out of the use of this information or the use of any materials designated. Please refer to <http://www.aimsolder.com/Home/TermsConditions.aspx> to review AIM's terms and conditions.