



TECHNICAL DATA SHEET

CATEGORY: **ALLOY**
NAME: **97Sn/3Cu**

FEATURES

- HIGH PURITY
- HIGH TEMPERATURE - 250-310°C

DESCRIPTION

97% Tin / 3% Copper is used for high temperature joining applications. Tin/Copper Alloys are typically used in industrial and plumbing applications, electronic assembly, die attach, thick film, and applications in which the use of lead is prohibitive.

IMPURITY LEVELS TO IPC-JSTD-006 in Percent

| | | | |
|-----------|-----------|----------|-----------|
| Al: 0.005 | Ag: 0.1 | Fe: 0.04 | Pb: 0.10 |
| As: 0.03 | Bi: 0.15 | In: 0.10 | Sb: 0.5 |
| Au: 0.05 | Cd: 0.005 | Ni: 0.01 | Zn: 0.005 |

HANDLING

- There are no special handling or storage requirements for this product.

FLUX COMPATIBILITY

- Tin/Copper Alloys are compatible with most electronic grade fluxes.

CLEANING

- Refer to data sheets provided by the flux manufacturer.

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 hazardous materials in non-approved containers.

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