



TIN-ALL™ FREE POWDER

LEAD FREE TINNING POWDER

- Reduce airborne and waste-water lead
- Tin Difficult Jobs With Ease
- Save Time & Labor
- High strength
- Excellent Flow

Tin-All™ *Free* Tinning Powder uses a different formulation of fluxes and wetting agents than Tin-All™ *Free* Paste. This formulation makes it an especially good product to use for tinning cast iron tanks, headers, and other difficult to tin work. Although its use is not limited to radiator shops, the greatest enthusiasm has been found to be in this field. Tin-All™ *Free* Powder contains a high percentage of fine mesh solder which, coupled with a wetting agent, does an excellent job of bonding into the pores of cast iron for strong soldered joints.

Tin-All™ *Free* Powder may be used very effectively as a dry powder. Rub or wire brush a small amount while heating until surface is thoroughly tinned. Because of the wetting agent in Tin-All™ *Free*, less rubbing is needed than with earlier type powders. Water may be added to make a paste, but care should be taken to not add too much water. If too much water is added the solder tends to settle to the bottom and excessive mixing will be necessary. Mix up only as much

compound as you will need during the day's work, to be sure that the Tin-All™ *Free* retains its full strength. Both the dry powder and any diluted compound kept over night should be tightly covered.

When tinning cast iron it is important to use as little water as possible to keep the amount of heat needed to a minimum. A good method is to use an acid swab damp with water or flux and dip it into the dry powder. The powder will cling to the swab but not become excessively diluted.

You will find that Tin-All™ *Free* Powder will do an excellent job on all copper and brass work also. However, for normal use Tin-All™ *Free* Paste is much less time consuming to use.

Tin-All™ *Free* Powder comes in 3 pound quart cans or in 12 pound plastic gallon cans.

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