



Howard Supply Company, Inc.



TECHNICAL BULLETIN ALUMINUM DEOXIDIZER

THIS PRODUCT WAS DEVELOPED FOR THE COMPLETE AND EFFICIENT REMOVAL OF SMUT FOLLOWING THE ALUMINUM ETCHING PROCESS. IT ALSO DEOXIDES ALUMINUM PRIOR TO SPOT WELDING. IT IS REDDISH BROWN IN COLOR, DUST-FREE, AND READILY SOLUBLE IN COLD WATER. IT CONTAINS CHROMIUM METAL IONS. DUE CAUTION SHOULD BE EXERCISED WHEN HANDLING.

PROCEDURE:

CONCENTRATION...FOUR TO TWELVE OUNCES PER GALLON

TEMPERATURE...50-110 DEGREES F.

IMMERSION...TEN SECONDS TO ONE MINUTE

AGITATION IS BENEFICIAL

THE ALUMINUM TO BE PROCESSED MUST BE PERFECTLY CLEAN FROM ALL OILS AND FINGERPRINTS BEFORE ETCHING. A HIGH QUALITY, UNIFORM ETCH, SUCH AS HOWARD SUPPLY ALUM-ETCH D, SHOULD BE USED FOR BEST RESULTS.

SMALL ADDITIONS SHOULD BE MADE TO MAINTAIN THE STRENGTH OF THE BATH. ALSO, DIFFERENT ALLOYS MAY REQUIRE LONGER IMMERSION TIMES OR HIGHER TEMPERATURES.