



# Alloy Sol Flux™ - White Aluminum Brazing and Soldering Flux

## Description

A powdered flux used for brazing aluminum and aluminum based alloys. It is used with gas-oxygen torches or in select induction and furnace brazing applications. The flux wets the joining surfaces thoroughly and prevents the entrapment of aluminum oxide inclusions in the joints. It can be used as supplied or mixed with water to form a paste.

## Applications

- Decontaminates the repair area without precleaning. With color changing temperature guide

Is effective with any of these heat sources :

- Oxy-acetylene torch
- Natural gas torch
- MAPP Gas
- Induction

Pairs With:

- Alloy Sol Rods
- Alloy Braze Rods

## Properties

Composition	
LiCl (Lithium Chloride) :	30-45%
ZiCl (Zinc Chloride):	6-10%
KCl (Potassium Chloride):	30-45%
NaF (Sodium Floride):	10-25%
NaCl (Sodium Chloride):	8-13%

Technical Data	
Appearance:	White Powder
Specific Gravity:	2.2 (Average)
Volatile Content:	<0.5
Active Temperature Range	345°C-690°C/ 650°F-1280°F
Density (Lbs/in <sup>3</sup> )	Not Available
Electrical Conductivity (%IACS)	N/A
Electrical Resistivity (Microhm-cm)	N/A
Shelf Life:	1 year in ambient conditions
Packaging:	Plastic Jar

## Product Variants

- SW-ASF1 - 1oz Container