



TECHNICAL SHEET

FLUXAK 1028

Manufacture of batteries using COS process.

Classification according to standard: 29454-1:2016 2.1.2.4

➤ APPLICATION FIELD

A multipurpose flux for manufacturing of all batteries using COS process. The flux is mainly recommended for brazing Pb/Sb alloys but can be used also for Pb/Ca alloys.

This flux is especially advised when brazing porosity is a real issue for users.

It has a strong pickling power and, is totally eliminated by sublimation.

No salt residues after brazing stage, therefore neither self-discharge nor corrosion phenomena.
No pollution on welding and tinning bath.

➤ CHARACTERISTICS, CHEMICOPHYSICAL PROPERTIES

- Organic flux with halogen in aqueous solution
- Liquid colourless to light yellow
- pH <1
- density (20°C) = 1.24-1.26

- Its strong acidity gives a strong pickling power.
- Containing:
 - surfactants to guarantee a good wettability and capillarity,
 - anti-foaming agents to avoid foam formation when using rotative brushes.

Application temperature: 350°- 500°C

Formulated with hydrobromic acid and with its strong pickling power, therefore we recommend checking compatibility with COS equipment (i.e., tank material, brushes material...).

➤ DIRECTION FOR USE

It must be used pure.

It can be applied by dipping, brushing, ...

It is recommended for COS equipment without pre-heating process and for removing porosity on connector/lug joining.



stts
Brazing solutions

STTS
Z.A.E. LA NEUVILLETTE
60240 FLEURY - FRANCE
☎ +33 3 44 49 02 19
✉ +33 3 44 49 11 40
📧 stts@stts-flux.com

ISO 9001
ISO 14001
BUREAU VERITAS
Certification



➤ PACKAGING

Plastic drum of 5kg and 35 kg.
Our products are supplied on pallet.
Sample available on demand.

➤ MISCELLANEOUS

All active materials are in compliance with REACH.

Refer to MSDS (Health and Safety data sheet) – available on demand: commercial@stts-flux.com

Note: The contents of this data sheet result from our knowledge and experience of the product.
It is given as an indication but does not engage our responsibility for each particular case.