GENERAL CHEMICAL CORP.

No Rez 2-COS

Halide free flux for cast on strap battery

TYPICAL PROPERTIES

Specific Gravity: 1.12
Flash Point : >200F/ 93C
Solubility: Water Soluble
pH of concentrate : 3-4
Color : Red

Description

No Rez 2-COS Solvent-based flux Super concentrate, the No Rez soldering flux - No Rez 2-COS, is used for joining lead alloys together or for fusing various metals with tin/lead solder. It has found excellent acceptance in the battery assembly field because of its non-corrosive tendencies once the fusion operation is complete and not harsh like water based acid fluxes to the assembly equipment. 2-COS flux has wide window of operation, whether running at low temperatures due to straps cracking ,or high temperatures to accommodate large plates. No Rez 2-COS is shipped as a super concentrate to save ocean freight.

Recommended Application

1. No dilution necessary, use as received.
2. It can be applied by dipping, spraying or brushing.
   Will function in closed or open systems.

Benefits

• Specially developed to enhance the quality of Battery Fusion
• Formulated to perform cleaning & joining of lugs & straps in most cast-on strap operations
• Solvent-based flux contains no halides or metals (Work environment safe) and does not harshly corrode assembly equipment.
• General Chemical’s soldering fluxes are in use throughout the world for more than 35 years

Health & Safety

See SDS for complete health and safety information.

Storage

Shelf life: 1 year from date of manufacture.

No Rez 2-COS flux functions in the following manner

1. The flux wets the lead alloy of the plate lugs and does the final cleaning of the metal surface. 2. 2-COS acid complex chemically reduces the surface oxides. 3. When heat is applied to the lugs, the water and solvents are driven off in a gaseous state. 4. The residual liquid-crystal formation remains stable until the lead alloys join via the capillary action of the flux. 5. When the fusion between the lugs and the strap is complete, the flux residue is virtually non-hygroscopic and non-corrosive.

12336 Emerson Dr. | Brighton, MI 48116 | 248-587-5600
Fax: 248-587-5606 | www.gccdatasheets.com