

KX6000SSKNC

GENERAL DESCRIPTION

KX6000SSKNC flux binder is a non-corrosive, premixed brazing flux binder adjusted to a stable dispensing viscosity for automatic and hand dispensers. It is used in the joining of 1000, 3000, 6000 and some 5000 series aluminum alloys in an open air brazing processes. If necessary, stir before using to ensure proper consistency. KX6000SSKNC can be thinned with alcohol.

KX6000SSKNC flux binder is a stable, extrudable flux binder mixture of KX-200 flux, a more reactive non-corrosive flux. It has a melting range of 1030°F-1045°F (554°C - 563°C). The flux binder contains a proprietary binder which provides adhesion and non-settling properties. The flux binder can be used in an atmosphere furnace, torch or induction brazing processes for joining a wide variety of aluminum alloys. No post braze cleaning operations are required. The flux and its residues are non-hygroscopic and non-corrosive.

PRODUCT APPLICATION

KX6000SSKNC flux is recommended for use with AL 716 (American Welding Society (AWS) A5.8/A5.8M BAlSi-3) and AL 718 (AWS A5.8/A5.8M BAlSi-4), and AL 719 braze filler metals.

POST CLEANING

KX6000SSKNC contains a non-corrosive flux and requires no post braze cleaning operation; however, if it is desired to remove the residue, a 50/50 mixture of nitric acid and distilled water will suffice. Agitate the part in the solution for 30 seconds to remove all flux.

WARRANTY & STORAGE

Lucas-Milhaupt, Inc. warrants their Dispensable Flux products for 90 days from the date of shipment if stored in the original unopened container. Optimal storage conditions would be 65°F (18°C) - 75°F (24°C), clean and dry. It is recommended that the dispensable flux products are stored away from direct heat. Dispensable fluxes may require mixing to regain a homogenous mixture before application.

The 90 day warranty should not be interpreted as the shelf or useful life of the product. Dispensable fluxes may be used well beyond the 90 day warranty, unless customer testing or production results indicate unsatisfactory performance of the product.

AVAILABLE PACKAGING

KX6000SSKNC is available in a variety of packaging containers. Dispensable flux may also be obtained in large containers prepackaged for immediate pneumatic dispensing operations.

SPECIFICATIONS

KX6000SSKNC flux conforms to the following specifications: N/A

APPLICABLE PRODUCT CODE(S)

Applicable Lucas-Milhaupt product code(s): 84-383.

SAFETY INFORMATION

The operation and maintenance of brazing equipment or facility should conform to the provisions of American National Standard (ANSI) Z49.1, "Safety in Welding and Cutting". For more complete information refer to the Material Safety Data Sheet for KX6000SSKNC.

WARRANTY CLAUSE

Lucas-Milhaupt, Inc. believes the information contained herein to be reliable. However, the information is given by Lucas-Milhaupt, Inc. without charge and the user shall use such information at its own discretion and risk. This information is provided on an "AS IS" AND "AS AVAILABLE" basis and Lucas-Milhaupt, Inc. specifically disclaims warranties of any kind, either express or implied, including, but not limited to, warranties of title or implied warranties of merchantability or fitness for a particular purpose. No oral advice or written or electronically delivered information given by Lucas-Milhaupt, Inc. or any of its officers, directors, employees, or agents shall create any warranty. Lucas-Milhaupt, Inc. assumes no responsibility for results obtained or damages incurred from the use of such information in whole or in part.