

Chemical composition

KZnF₃

Molecular Weight: 161.48 g/mol

Application

Brazing and fluxing agent for CAB brazing of aluminium.

Non-corrosive "reactive" flux.

During brazing, potassium fluoro-aluminates (flux) are generated by the brazing agent in contact with Al/Si filler metal. In addition, zinc is produced and diffuses into the aluminium surface. A defined Zn diffusion layer is generated.

Packaging

25 kg paper bag with inner PE liner on CP3-pallet

Units	40
Height	1,400 mm
Width	1,140 mm
Depth	1,140 mm
Gross weight	1,028 kg



Storage, Handling

Fluxes should be stored in dedicated areas prior to use.

If stored in original packaging, shelf life is unlimited.

Select processes and equipment that minimise manual handling and aerosol generation.

Classification

Products are classified as hazardous according to the European regulation (EC) 1272/2008 (GHS)

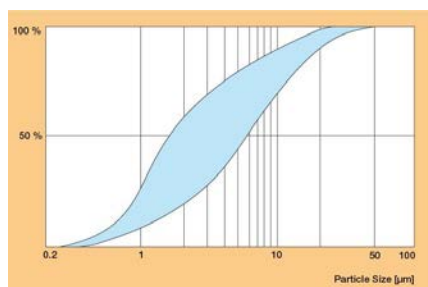
Detailed information can be found in the relevant Safety Data Sheet (SDS).

Characteristics

Appearance:	white powder
K	22 – 26 %
Zn	38 – 42 %
F	32 – 37 %
Bulk density	500 – 1,200 g/l
Melting range in contact with Al/Si filler metal:	565 – 572°C
LOH	max. 2 %

Particle Size Distribution

(X 50 %): 1.5 – 6 µm



MANAGEMENT SYSTEM

DQS – certified according

IATF 16949

ISO 9001 : 2015

ISO 14001 : 2015

ISO 50001 : 2018

ISO 45001 : 2018

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