



SUPERIOR CCF-1



Centrifugal Casting Flux

- Specially formulated for horizontal centrifugal casting machines
- Protects against oxide formation on metals during casting.
- Crucial for bonding of dissimilar alloys in centrifugal casting

DESCRIPTION

Superior CCF-1 is a specially formulated flux for the needs of centrifugal casting. This flux consists of a proprietary blend of inorganic chemicals that protects molten metals from oxidation during the casting process. The prevention of oxide formation is instrumental for the joining of dissimilar metals during the casting process. **Superior CCF-1** is active in the temperature range of 1700° – 2300°F (925° - 1260°C).

APPLICATION

Superior CCF-1 is funneled into the barrel in accordance with the horizontal centrifugal casting application. The specific amount of product used is gauged according to the size of the barrel and other considerations, such as the particular alloys being cast and the temperature achieved on the inside of the barrel. The active temperature range of **Superior CCF-1** is 1700° – 2300°F (925° - 1260°C).

PHYSICAL PROPERTIES

Form	Powder
Color	Off-White
Dilute pH (10.6%)	4.25 – 5.75
Active Temp. Range	1700° – 2300°F (925° - 1260°C).
Shelf Life	2 years

THIS PRODUCT IS RoHS COMPLIANT.

SAFETY PRECAUTIONS

Superior CCF-1 contains inorganic chemicals and should be handled with care and the normal precautions taken when working with chemical products.

When working with **CCF-1** adequate exhaust ventilation must be present to avoid breathing the fumes that may come from the inorganic chemical ingredients. Avoid contact with eyes, skin, and mucous membranes. Always wear NIOSH approved safety equipment when working with chemicals. In case of eye contact, flush freely with water and call a physician immediately. Store away from heat, moisture and water to maintain shelf life of two (2) years.

Refer to Material Safety Data Sheet (MSDS) for additional safety information.

Superior manufactures quality fluxes. Our business is solving problems.



**Superior Flux
& Mfg. Co.**

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