SCF-1 Cupola Flux

In today's cupola melting, foundry personnel are striving to maintain a more cost effective operation even with the ever changing of variables that are presented to them. One of these variables, metallic charge materials, vary from lot to lot which makes the melting personnel's responsibility of maintaining consistent chemistry all the more difficult. One of the main concerns in the melting materials is the cleanliness of the charge scrap, which can be a major cause of defects and eventual scrap castings. One item used in the cupola is limestone that acts as a flux for slag promotion, which reduces the amount of impurities, trapped.

Product Description

SCF-1 Flux is a specially formulated cleansing agent recommended for use in cupola melting operations. It is designed to be added during cupola start-up and cupola melt-out where increased fluidity is needed in the slag to remove the ash generated from the coke. During normal daily operation where cleansing of the coke bed is desired, SCF-1 Flux can be used in addition to the regular limestone charge to assist in slag fluidity.

Physical Properties

Property	Value
Bulk density	80 – 100 lbs/cu. ft.
Melting temperature	Approximately 2250° F
Size*	8 lb. Briquette

*Custom sizing may be produced to meet individual requirements if requested

Packaging

- 135 units/pallet (4-way entry)
- 4000 lb. pallet boxes

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