AMERICAN COLLOID COMPANY
A MINERALS TECHNOLOGIES COMPANY

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TECHNICAL DATA SHEET

MAXIFLUX™ CU-704

MAXIFLUX™ CU-704 PRIMARILY FOR RED BRASS, SEMI-RED BRASS, YELLOW BRASS, COPPER-SILICON, LEADED TIN BRONZE, COPPER-NICKEL, AND NICKEL SILVER.

Use of this product will enable the melter to supply cleaner metal to the casting line, improve overall yield by reducing metallic content of the dross, and aid in controlling and removing slag buildup.

The primary benefit from using Maxiflux™ CU-704 will be in the reduction of impurities in the melt and ultimately in your cast. Because the primary application of Maxiflux™ CU-704 is with the charge material, impurities are bound and effectively removed much earlier in the process.

CU
704

FEATURES & BENEFITS

MELT QUALITY

- Cleanses melt by binding contaminates and ensures a consistently higher standard of melt quality.
- Melt purification process is started during meltdown.
- Improves metal fluidity, casting integrity, and mechanical properties.
- Very effective as a non-polluting, oxide gathering cover.

DROSS

- Produces a fast forming, dry, low metallic dross with low exothermal heat. Metallic content is stabilized. Skimmed dross cools quickly in the transport pan. More metal is retained in bath.
- Very effective as a low-polluting oxide cleanser and gas remover.
- Cleanses by release of chlorine-free flushing gases.

SPECIAL FEATURES

- Works in nearly all furnace types.
- Offers possibility of using a single product with a wide variety of copper alloys.

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