The Schaefer Group’s Super Cover Salt is designed for the removal of alkali metals as well as nonmetallic inclusions from liquid aluminum. It is highly effective in production of high magnesium alloys and foundry alloys where strontium modification is required. Schaefer Super Cover Salt can be used in melting and holding furnaces and delivered by broadcast, injection or in-line injection. It is a fused granular (magnesium chloride and potassium chloride) flux with a low melt point (<480 °C) which allows for the quick removal of calcium, sodium and lithium from your metal and refractory furnace linings. It is an excellent alternative to chlorine injection. Works well as a cover to protect the metal from hydrogen pick up and oxide growth.

CHARACTERISTICS

Color: Gray/off white
Form: Granular

Schaefer Super Cover Salt is sized to allow efficient and faster melting.

STORAGE & HANDLING

Store in a dry location, away from intense heat. Storage in original packaging is recommended to minimize moisture content and contamination. Schaefer Super Cover Salt is hygroscopic and should be stored in a dry location.

PACKAGING

→ Standard Packaging:
  - 500lb Drums – Loose or 10lb plastic bags
  - 2,000lb boxes of 25lb plastic bags
→ Custom Packaging available upon request.

METAL TREATMENT

Application amount will be determined by the amount of aluminum to be treated and the level of alkali metals present.

The typical application will be within 6 oz to 1 pound / per 1000 lbs. of metal charged. The exact amount needed will very with the specific conditions of each unique furnace/process. A representative from The Schaefer Group can help determine the correct dosage.

Reactivity and Reaction time will vary with application rate furnace temperature and furnace size. Please contact a representative from The Schaefer Group for detailed furnace cleaning help and training opportunities.

HEALTH & SAFETY

Dust and Fumes can cause irritation to the nose, throat, and lungs. Refer to SDS for safe handling and First Aid information prior to use.