The Schaefer Group SGI-106 is a low temperature flux. SGI-101 is designed to melt and react exothermically at furnace temperatures ranging from 660-730°C (1225-1350°F). It is effective in the reduction of metal oxidation and the cleaning of the aluminum by the removal of non-metallic inclusions.

**CHARACTERISTICS**

- **Color:** gray to white
- **Form:** Granular

SGI-106 is sized to minimize product segregation allowing for more efficient and faster melting.

**METAL TREATMENT**

Application amount will be determined by the amount of aluminum to be treated. The typical application will be within 8oz to 1 pound / per 1000 lbs. of metal.

Broadcast the SGI-106 on to the metal surface using a flux gun or by manually tossing. Stir or “raddle” the flux over the surface.

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.

**STORAGE & HANDLING**

Store in a dry location, away from intense heat. Storage in original packaging is recommended to minimize moisture content and contamination.

**PACKAGING**

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

**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.