The Schaefer Group SGI-101 is a multi-functional flux which can be used as a broadcast flux or injected as a desludging flux. SGI-101 is designed to melt and react at furnace temperature ranges from 680-760°C (1250-1400°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-101 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-101 ont 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.