

The Schaefer Group, Inc  
**Product Data Sheet**  
**SGI-126**

## Wall Cleaning Flux

The Schaefer Group SGI-126 is a flux designed to react exothermically and melt aluminum trapped within the oxide build-up along the metal line on the furnace walls. This “fast burn” reaction allows the oxide to soften and makes the removal with a furnace tool much easier. The effective temperature range is 1250 deg F and above.

### SGI Flux Benefits

- Reduced Melt Loss
- Reduction of Inclusions
- Improved Fluidity
- Improved Melt Efficiency
- Less Furnace Cleaning Time
- Lower Hydrogen

### Flux Training

The Schaefer Group can provide The proper SGI Flux recommendation for your application as well as the proper techniques and training of your furnace tenders. Furnace operators that have been properly trained and given the correct flux and tools tool use Will reduce the time needed to clean the furnace as well as reduce the damage to the refractory lining.

### Furnace Tools

Contact a Schaefer Group representative for a complete list of tools available to properly maintain your furnace.

### Aluminum Furnaces

#### CHARACTERISTICS:

SGI-126 is an off white/gray granular blend.

#### 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 – 10lb bags  
2,000lb boxes of 25lb plastic bags

Custom Packaging available upon request.

#### METAL TREATMENT:

Application amount should be enough to cover the area where the oxide has developed. Allow the furnace to go to high fire for 10-15 minute then scrape the walls and remove the softened oxide. It may take several applications depending on the amount of growth. Once the oxide has been removed SGI-126 should be used as a maintenance flux on an as needed basis to prevent oxide growth.

Reactivity and Reaction Time will vary with application rate furnace temperature and furnace size. Please contact a rep for 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.

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