

PRODUCT BULLETIN

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**ALLIED
MINERAL**
PRODUCTS, INC.

TEK-GUN 31A

General Information

TEK-GUN 31A is a fused alumina-based refractory designed to be very effective as a hot gunning mix in certain ferrous channel furnace applications; applied by traditional hot gunning techniques and equipment.

TEK-GUN 31A has a high installed density and low porosity, which is achieved through a closely controlled grain size distribution.

Technical Data

<u>Chemical Analysis</u> (Major Components)	Material Required.....	3.13 g/cm ³ (195 lb./ft. ³)
Al ₂ O ₃ 88.6%	Grain Size.....	3 mm (6 mesh) and finer
SiO ₂ 7.0%	Maximum Practical Use Temperature.....	1705°C (3100°F)
TiO ₂ 2.4%	Installation Method.....	Pneumatic Gun

Packaged in 25 kg (55 lb.) poly bags. Also available in bulk packaging. Store in a cool, dry location. Keep from freezing. Storage beyond 6 months is not recommended.

Allied Mineral Products, Inc. supplies a complete line of monolithic refractories for the metals industry. For more information or a complete evaluation of your refractory requirements, please contact your local Allied representative.

Warning: Contains aluminum oxide and silica. The International Agency for Research on Cancer (IARC) has classified crystalline silica inhaled in the form of quartz or cristobalite carcinogenic to humans. Refer to Material Safety Data Sheet for additional information and disposal instructions. Wear NIOSH approved respirator during installation, removal, and disposal of product to prevent inhalation of dust. Steam spalling, which can lead to personal injury, may result from improper drying and firing procedures. In case of eye contact, flush immediately and repeatedly with water and consult a physician. For safest use and optimum performance, proper practices must be followed.

(TEKG31)
6/22/11

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