



# BLAST MEDIA DATA SHEET

## GUYSON SAFTIGRIT PINK

(for use with all compressed air blast systems - dry and wet)

### General

Guyson Pink Saftigrit is a premium quality pink alumina manufactured by reduction melting from high grade bauxite in an electric arc furnace using the block method. The addition of a small percentage of Chromium Oxide gives this product its distinctive pink colouration. It is also referred to as Pink Bauxilite, Pink Fused Alumina and Pink Corundum.

It is an extremely durable and tough alumina with low metallic iron content and is ideal for applications where no contamination can be tolerated. Pink Saftigrit combines the toughness of the brown product (due to the addition of a small percentage of Titanium Dioxide) with the sharpness of the white.

### Typical Applications

Cleaning, Removing Corrosion and other Surface Deposits, Roughening, Etching and Decorating

### Chemical composition

Pink fused alumina

Al <sub>2</sub> O <sub>3</sub>	:	99.30%
MgO	:	0.5% max
Na <sub>2</sub> O	:	0.26%
Cr <sub>3</sub> O <sub>2</sub>	:	0.22%
Fe <sub>2</sub> O <sub>3</sub>	:	0.04%
SiO <sub>2</sub>	:	0.02%
CaO	:	0.01%

### Physical data

Shape	:	Angular
Colour	:	Pink
Specific gravity	:	3.94
Bulk density	:	3.0 – 3.5 g/cc (dependent upon grain size)
Hardness	:	Mohs 9
EINECS reference	:	215-691-6
CAS No	:	1344-28-1

### Sizes Available

FEPA Spot Sizes*	:	8, 10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220
FEPA Microgrits*	:	F230, F240, F280, F320, F360, F400, F500, F600, F800, F1000, F1200
Range Sizes*	:	24/30, 30/40, 40/60, 60/80, 180/220, 120/220, 180/220, 220/280
Pack Size	:	25 kg bag

\*Not all sizes available from stock  
See Guyson MSDS reference 41 for all other details

All Guyson Pink Saftigrit can be supplied with certification to Rolls Royce CSS12 aerospace standard should this be required. This is one of the highest conformity standards in the world and many other aerospace standards follow its lead.

To achieve compliance, Pink Saftigrit has to pass rigorous batch tests that ensure its physical and chemical properties remain consistent.

Pink Saftigrit is a non-toxic and non-hazardous product that contains no free silica. No special disposal precautions are required for the product once it has been used for blast finishing purposes. However, contamination from a specific application or process must also be considered prior to disposal.