

MATERIAL SAFETY DATA SHEET - SINTERBALL

1: IDENTIFICATION

Product Name: **Sinterball**
Supplier: The Blast Shop LTD
Chemical Name/Synonyms: High Temperature Sintered Bauxite
For Information/Emergency: 07831 368273

2: COMPOSITION

Composition: Alpha alumina (80%), Mullite(10%) with spinels (complex alumina/titanium/iron silicates)/Iron oxides in a solid matrix.
Hazardous Components: None known

3: HAZARDS IDENTIFICATION:

Sinterball is non toxic, and contains analytically no free Iron and no free Silica
Accidental spillages will produce a slippery surface – see Section 6 below

4: FIRST AID:

Although classed as non hazardous, the dust generated during it's use as a blast abrasive should be treated as a Nuisance Dust with a recommended Threshold Limit of 10mg/Cu M. Appropriate protective clothing (gloves, goggles, dustmask) should be worn when dealing with such dust. Eye Baths should be used to remove particles accidentally introduced into the eye.

5: FIRE and EXPLOSION:

Non combustible

6: ACCIDENTAL RELEASE

Sinterball is spherical and accidental release will create slippery conditions underfoot. Spillages should be cleared up immediately with broom & shovel or vacuum cleaner. Material can be re-used if not contaminated

7: STORAGE and HANDLING:

Store Dry and avoid spillages or bag damage.

8: PERSONAL PROTECTION:

Occupational Exposure Limits: None Known
Respiratory/Ingestion/Skin/Eye Protection: Normal Industrial Protection such as overalls etc. See Section 4.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance/Odour: Hard black spherical granules. Dust Free. No Odour
S.G. 3.77
Melting Point: 4500 F
Hardness(Mohr) 9
Crushing Strength 12500 psi

10: CHEMICAL REACTIVITY

Chemically stable, inert and insoluble in water

11: TOXICOLOGICAL INFORMATION

Non Toxic

12: ECOLOGICAL INFORMATION

Due to the chemical stability and inert nature, no data is available.

13: DISPOSAL:

No special disposal methods are required. Dispose of as solid waste.

14: TRANSPORT

Normal transport requirements for non hazardous products

15: REGULATORY INFORMATION :

Not a regulated substance

16: OTHER INFORMATION :

CAS No 1318-16-17

Our Ref : SBLHSD2

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Prepared by: R D Paddison based on Information provided by the Manufacturer.

The information contained within this document is furnished in good faith and without warranty of any kind.

Paddison Ltd
Broad Lane Farm
Newlands
Epworth
DN9 1JA
Tel: 07831 368273 Fax: 01427 873208