

# BELLEMARE

## ABRASIVES & MINERALS MATERIAL SAFETY DATA SHEET

### Section 1

Supplier: Bellemare Abrasives & Minerals  
Address: 8750, Boul. Industriel  
Trois-Rivières, Qc Canada

Chemical family: Ferrous  
Phone number: 819.376-4366

Product name: **STEELGRIT**  
Meet the norms SAE J444 and SAE J827

### Section 2

Chemical analysis

<u>Elements</u>	<u>%weight</u>	<u>#CAS</u>	<u>ACGIH TLV (mg/m<sup>3</sup>)</u>	<u>OSHA PEL (mg/m<sup>3</sup>)</u>
Iron	> 95	1309-37-1	5 (as oxide fume)	10 (as oxide fume)
Carbon	0.85-1.20	1333-86-4	2 (as dust)	15 (as dust)
Manganese	0.35-1.20	7439-96-5	5 (as dust)	5 (as dust)
Silicon	0.40-1.20	7440-21-3	10 (as total dust)	15 (as total dust)
Sulphur	≤ 0.05	7704-34-9	5	none established
Phosphorus	≤ 0.05	7723-14-0	0.1	0.1

### Section 3

Physical properties

Colour: Steel  
Grain Shape: Angular  
Hardness: 46-50 HRc (GP); 56-60 HRc (GL); 63-65 HRc (GH)  
Specific gravity: 7.4g/cc  
Odour: None  
Evaporation rate: N/A  
Water solubility: None

### Section 4

Fire and explosive data

Steel grit will not burn or explode. A mild fire or explosion hazard situation may be created due to fine dust that may result from use.

Extinguishing media: Select media appropriate for the surrounding area (including dry chemical). Use dry sand to exclude air. Do not use water or other liquids, or foam.

All dust removed from the scrubber must be put into a barrel closed to prevent explosions that can be caused by a source of heat.

### Section 5

Health hazard data

Threshold limit Value: See Section 2  
Carcinogenicity: None of the ingredients listed in NTP, IARC or OSHA  
Permissible exposure limit: See Section 2  
Primary routes of entry: Inhalation of dust created during use, grit or dust particles in eyes.