



# MATERIAL SAFETY DATA SHEET

Product: FLOSAN<sup>®</sup> GDS  
Date Prepared: August 1, 2006

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## SECTION I

### Manufacturer's Name & Address

Fedmet Resources Corporation  
6402 Woodberry Court  
East Amherst, NY 14051 USA

### Trade Name & Synonyms

FLOSAN<sup>®</sup> GDS

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## SECTION II

MINERAL ANALYSIS	ELEMENTS	% IN WEIGHT
Magnesium Oxide	MgO	3-15
Silica Oxide	SiO <sub>2</sub>	20-35
Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	10-25
Alumina Oxide	Al <sub>2</sub> O <sub>3</sub>	5-15
Chromium Oxide	Cr <sub>2</sub> O <sub>3</sub>	15-44
Carbon	C	Yes

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## SECTION III - PHYSICAL DATA

<b>Boiling Point</b> N/A	<b>Specific Gravity (H<sub>2</sub>O=1)</b> 2.2 -2.4
<b>Vapor Pressure</b> N/A	<b>% Volatile by Volume</b> N/A
<b>Vapor Density</b> N/A	<b>Evaporation Rate</b> N/A
<b>Solubility in Water</b> N/A	<b>Appearance and Odor:</b> Black, no odor



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### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (method used)**

Refractory Material

**Flammable or Explosive Limits**

N/A

**Extinguishing Media**

N/A

**Special Firefighting Procedures**

This product is non flammable and will not support combustion

**Unusual Fire & Explosion Hazards**

None

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### SECTION V - REACTIVITY DATA

**Stability**

Product is stable

**Incompatibility**

None

**Hazardous Decomposition Products**

None

**Hazardous Polymerization**

Will not occur

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### SECTION VI - HEALTH HAZARD DATA

	<i>CAS NO.</i>	<i>%</i>	<i>OSHA PEL</i>	<i>TLV</i>
<b>RESPIRABLE DUST</b>				
Free silica (crystalline)	14808-60-7	20-35	10mg / m <sup>3</sup>	10mg / m <sup>3</sup>
			%free silica+2	%free silica+2
Magnesium oxide	1309-18-4	3-15	10mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Chrome oxide	1308-31-2	15-44	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>
Aluminum oxide	1344-28-1	5-15	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Carbon	1333-86-4	0-8	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>

**Effects of overexposure and procedures:**

No hazards unless finer particles lodge in eyes.

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### SECTION VII – SPILL OR LEAK PROCEDURES

**Waste Disposal Method**

Disposal of material according to local, state or federal regulations and as final used condition of the product dictates

**Steps to be Taken if Material is Spilled**

None necessary

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### SECTION VIII – SPECIAL PROTECTION INFORMATION



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### **Respiratory Protection**

In dusty environments above the TLV or PEL the use of a NIOSH approved respirator for pneumoconiosis-producing dust is recommended.

### **Protective Gloves**

Recommended

### **Eye Protection**

In dusty environments, the use of tight-fitting goggles is recommended.

### **Ventilation**

Local exhaust can be used, if necessary, to control airborne dust levels.

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