



MATERIAL SAFETY DATA SHEET
FLOSAN® 2005/ 2006/ 2007

Product: FLOSAN® 2005/ 2006/ 2007
Date Prepared: January 1, 2010

SECTION I

Manufacturer's Name & Address

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

Trade Name & Synonyms

FLOSAN® 2005/ 2006/ 2007

SECTION II

MINERAL ANALYSIS	ELEMENTS	% IN WEIGHT
Magnesium Oxide	MgO	25-45
Silica Oxide	SiO ₂	45-70
Iron Oxide	Fe ₂ O ₃	3-10
Alumina Oxide	Al ₂ O ₃	1-2
Chromium Oxide	Cr ₂ O ₃	0
Carbon	C	Yes
Zirconium oxide	ZrO ₂	0-2
Lime	CaO	1-2

SECTION III - PHYSICAL DATA

Boiling Point N/A	Specific Gravity (H₂O=1) 2.2 -2.4
Vapor Pressure N/A	% Volatile by Volume N/A
Vapor Density N/A	Evaporation Rate N/A
Solubility in Water N/A	Appearance and Odor: 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

SECTION V - REACTIVITY DATA

Stability

Product is stable

Incompatibility

None

Hazardous Decomposition Products

None

Hazardous Polymerization

Will not occur

SECTION VI - HEALTH HAZARD DATA

	CAS NO.	%	OSHA PEL	TLV
RESPIRABLE DUST				
Free silica (crystalline)	14808-60-7	45-70	10mg / m³	10mg / m³
			%free silica+2	%free silica+2
Magnesium oxide	1309-18-4	25-45	10mg/m3	5 mg/m3
Aluminum oxide	1344-28-1	1-2	15 mg/m3	10 mg/m3
Carbon	1333-86-4	0-5	3.5 mg/m3	3.5 mg/m3
Zircon sand	14940-68-2	0-2	5 mg/m3	5 mg/m3

Effects of overexposure aid procedures:

No hazards unless finer particles lodge in eyes.

This product contains free crystalline silica which is harmful only if reduced to respirable dust. When working with this product, minimize the creation and/or inhalation of dust. Prolonged exposure to the dust may increase the risk of silicosis and other serious respiratory diseases. Pulmonary disease generally aggravated by exposure. If inhalation over exposure occurs, remove to fresh air and contact physician if necessary.



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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

SECTION VIII – SPECIAL PROTECTION INFORMATION

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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