



Material Safety Data Sheet

IDENTITY (As Used on Label and List) FLOSAN GDS	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
---	---

Manufacturer's Name Fedmet	Emergency Telephone Number 514-931-5711		
Address (Number, Street, City, State, and Zip Code) 1000 N. West St., Suite 1200 #889 Wilmington DE 19801	Telephone Number Information 514-931-5711		
	Date Prepared 2/23/12	Date Revised 2/23/12	
	Signature of Preparer (optional) JPC		

Section II - Hazardous Ingredients/Identity Information

Chemical Identity	CAS #	PEL, mg/m3	TLV, mg/m3
silica	14808-60-7	(10 mg/m3)/(% SiO ₂ + 2)	0.025
alumina	1344-28-1	15	10
iron oxide	1309-37-1	10	10
chrome oxide	1308-38-9	0.5	0.5

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Not Soluble			
Color black	Form granular	Odor odorless	

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

The information presented herein is based either on data or opinion. Such data is, to the best of our knowledge, true and accurate. Such opinion is believed to be expert, and therefore generally reliable, but in some instances there are conflict in expert opinion and in these instances we have relied on the opinion which, in our best judgment, appeared the most reasonable. All information herein is presented without guarantee or warranty and Fedmet disclaims any liability incurred from the use thereof.

Section V - Reactivity Data

Stability Product is stable	Unstable		Conditions to Avoid Keep dry
	Stable	X	
Incompatibility (Materials to Avoid) N/A			

N/A

Hazardous Polymerization	May Occur		Conditions to Avoid Keep dry
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	X	X	X

Health Hazards (Acute and Chronic)

Eyes: Dust is an irritant. Wear safety goggles.
Ingestion: Avoid ingestion.
Respiratory: Breathing dust can lead to reduced pulmonary function. Avoid breathing dust.
Skin: Material is abrasive and will irritate skin. Wear gloves and wash hands after use.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
Crystalline silica	1	1	Listed

Signs and Symptoms of Exposure

Cough, with or without sputum, shortness of breath particularly on exertion, and chest tightness

Medical Conditions Generally Aggravated by Exposure

Asthma, emphysema, bronchitis.

Potential Health Hazards

Silicosis and Hexavalent Chrome

SILICOSIS: Inhalation of high concentrations may cause upper respiratory irritation. This product contains crystalline silica in the form of quartz. Long-term inhalation of respirable crystalline silica can cause disabling lung disease (silicosis) and increase the risks of developing lung cancer. **HEXAVALENT CHROME:** Notice: Product contains no hexavalent chromium compound in the as-received condition. In use, however, it could develop some of this compound under the right conditions, Hexavalent chromium is a known carcinogen. Harmful if swallowed or absorbed through skin. Avoid ingestion and contact with skin, eyes, or clothing. May cause irritation to eyes and skin. Wash areas of contact with plenty of water. If ingested, dilute with water and induce vomiting. Call a physician. Target Organs: eyes, skin, blood, liver, kidneys, mucous membranes, nasal septum. Eye Contact: May cause irritation, redness, pain, and tearing. Inhalation: Inhalation of dust may cause ulceration and perforation of the nasal septum. Higher exposures may cause pulmonary edema. Skin Contact: May cause irritation, redness, and pain. Ingestion: Toxic effects are not expected to be as severe as higher concentrations. Can cause sore throat, vomiting, and diarrhea. Suspected of causing liver damage. Chronic Effects/Carcinogenicity: Chronic poisoning can lead to liver damage. IARC - Potassium Dichromate is carcinogenic to humans. NTP - No. OSHA - No. Reproductive Information: Reproductive effects cited in 'Registry of Toxic Effects of Chemical Substances' for Potassium Dichromate.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Dispose of according to Federal, State and Local Laws.

Waste Disposal Method

Material is not hazardous as received.

Precautions to Be Taken in Handling and Storing

Keep dry.

Other Precautions

None

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Wear NIOSH-approved dust mask or respirator as necessary.

Ventilation	Local Exhaust	Special
	Adequate ventilation	N/A
	Mechanical (General)	Other
	If mixing or cutting, use an appropriate dust collection/bagging system.	N/A

Protective Gloves

Recommended

Eye Protection

Tight fitting safety goggles

Other Protective Clothing or Equipment

Steel-toed shoes

Work/Hygienic Practices

Keep workplace area swept to control dust. Wash hands periodically during, and shower after use.