



MATERIAL SAFETY DATA SHEET

1. PRODUCT INFORMATION

Trade Name: **DURLON FLEXIBLE GRAPHITE**

Common Name: **Flexible Graphite Gasket Material
FGS95, FGL316, FGT316**

Manufacturer: Triangle Fluid Controls Ltd.
269 University Ave.
Belleville, Ont. K8N 5A2
Phone: 613-968-1100
Fax: 613-968-1099

Material Use: Gaskets for sealing gas or liquid.

WHMIS Classification: **Manufactured Article exempt from WHMIS**

2. HAZARDOUS INGREDIENTS

Ingredient:	CAS #	WHMIS Class
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NONE DETERMINED

3. PHYSICAL DATA

Colour:	Dark Gray	Odor:	None
Physical State:	Solid	pH:	Not applicable
Boiling Point:	Not applicable	Freezing Point:	Not applicable
Evaporation Rate:	Not applicable	Solubility in Water:	Not applicable

4. FIRE OR EXPLOSION HAZARD

Flash Point:	Not applicable.
Explosion Hazards:	Not applicable.
Extinguishing Media:	Standard methods, such as, water spray, carbon dioxide, sand, foam, and dry chemical.
Special Fire fighting Procedure:	Self-contained breathing apparatus should be used due to thick black smoke.
Unusual Fire Hazard:	Does not burn without external source of fuel. Accumulation of graphite may cause shorting of electrical circuits

5. REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Keep away from flames.
Incompatibility:	Strong oxidizers.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None under normal use.

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	Not Applicable.
Acute Exposure:	High concentrations of graphite dusts may be irritating to the eyes, skin, mucous membranes and respiratory tract.
Chronic Exposure:	Inhalation of high concentrations of graphite dusts over prolonged periods of time may cause graphite pneumoconiosis. Symptoms can include cough, shortness of breath and decrease in pulmonary function. Pre-existing pulmonary disorders such as emphysema may possibly be aggravated by prolonged exposure to high concentrations of graphite dusts.
Toxic Effects:	None determined under normal use.

7. **PREVENTATIVE MEASURES**

No special precautions are needed under normal use. If possible, avoid dust creating processes such as sawing, grinding or drilling. Follow good housekeeping practices. Treat dust as nuisance dust.

Personal Protective Equipment: Use NIOSH/MSHA approved respirator for protection if dust levels exceed allowable limits.

Spills and Leaks: Prevent accumulation of Graphite dusts. Avoid excess dust. Personnel performing clean-up of accumulated dusts should follow usual precautions.

Waste Disposal: Not a hazardous waste. Disposal can be in a regular landfill in accordance with local and provincial regulations.

Storage: Store in cool dry location. Under acceptable conditions, no deterioration can be expected.

Special: Do not eat or smoke in areas of where dust may accumulate. Wash hands and face after handling material.

8. **FIRST AID PROCEDURES**

Should overexposure to graphite dust occur, procedures should be followed as shown below:

Eye Contact: Flush eyes with water, if irritation develops, seek medical advice.

Skin Contact: Wash with soap and water, if irritation develops, seek medical advice.

Inhalation: Move the exposed person to fresh air. Seek medical attention.

Ingestion: May cause nausea; if nausea develops, seek medical advice.

9. **PREPARATION INFORMATION**

For additional information contact: 613-968-1100

Triangle Fluid Controls Ltd.
Box 186, 269 University Ave.
Belleville, Ont.
K8N 5A2

Preparation Date: February 26, 2009