

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Identifier Flexitallic – Filled, Reinforced PTFE Gasket Material		Product Identification Number (PIN) Sigma 599	
Product Use Gasket Material			
Manufacturer's Name Flexitallic Limited		Supplier's Name	
Street Address Scandinavia Mill, Hunsworth Lane		Street Address	
City Cleckheaton	Province West Yorkshire	City	Province
Postal Code BD19 4LN	Emergency Telephone No. 01274 851273	Postal Code	Emergency Telephone No.

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Polytetrafluoroethylene (PTFE)	92	9002-84-0	N/A	N/A
Glass Microspheres	8	N/A	N/A	N/A
Pigment	< 0.1	N/A	N/A	N/A

SECTION 3 - PHYSICAL DATA

Physical State Solid	Colour and Appearance No odour – sheet material; white surface layers, pale blue core			Odour Threshold (ppm) N/A
Vapour Pressure (mm Hg) N/A	Vapour Density (Air=1) N/A	Evaporation Rate N/A	Boiling Point (°C) N/A	Freezing Point (°C) NA
pH N/A	Specific Gravity N/A	Coeff. Water/Oil Dist. N/A		

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If Yes, under which conditions? The material will burn with difficulty and will tend to self extinguish when the source of ignition is removed			
Means of Extinction Extinguisher media – Water or Foam			
Flashpoint (°C) and Method N/A	Upper Flammable Limit (% by Volume) N/A	Lower Flammable Limit (% by Volume) N/A	
Autoignition Temperature (°C) N/A	Hazardous Combustion Products Various hazardous decomposition products which are pyrolysis dependent. Breathing apparatus required in sustained fire situations.		
Explosion Data	Sensitivity to Impact N/A	Sensitivity to Static Discharge N/A	

SECTION 5 - REACTIVITY DATA

Chemical Stability YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> If No, under which conditions? Stable for intended use	
Incompatibility with other substances YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If So, which ones? Molten alkali metals and elemental fluorine	
Reactivity, and under what conditions N/A	
Hazardous Decomposition Products N/A	

N/A = Not Applicable

NPV = No Published Value

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SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry
 Skin Contact Skin Absorption Eye Contact Inhalation Ingestion

Effects of Acute Exposure to Product
 N/A

Effects of Chronic Exposure to Product
 N/A

Exposure Limits N/A	Irritancy of Product N/A	Sensitization to Product N/A	Carcinogenicity Not classified as a carcinogen
Teratogenicity N/A	Reproductive Toxicity N/A	Mutagenicity N/A	Synergistic Products N/A

SECTION 7 - PREVENTATIVE MEASURES

Personal Protective Equipment:
 Not required under normal handling with cutting operations

Gloves (Specify) N/A	Respirator (Specify) N/A	Eye (Specify) N/A
Footwear (Specify) N/A	Clothing (Specify) N/A	Other (Specify) N/A

Engineering Controls (Specify eg ventilation, enclosed process)
 N/A

Leak and Spillage Procedure
 N/A

Waste Disposal
 Regulated by local and national legislation

Handling Procedures and Equipment
 No special requirements

Storage Requirements
 No special requirements

Special Shipping Information
 N/A

SECTION 8 - FIRST AID MEASURES

Specific Measures

 No specific measures

SECTION 9 - PREPARATION DATE OF MSDS

Prepared by (Group, Department, etc) Technical Department	Phone Number 01274 851273	Date July-2009
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