

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Identifier ● Flexitallic - Biaxially Orientated R <sup>2</sup> PTFE Sheet Gasket Material		Product Identification Number (PIN) Sigma 600	
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 <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Polytetrafluoroethylene (PTFE)	100	9002-84-0	N/A	N/A

## SECTION 3 - PHYSICAL DATA

Physical State Solid	Color and Appearance No odor – white sheet material			Odor Threshold (ppm) N/A
Vapor Pressure (mm Hg) N/A	Vapor 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   NO      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   NO      If No, under which conditions?      ● Stable for intended use

Incompatibility with other substances  
 YES  NO       If So, which ones?      ●

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
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Footwear (Specify) N/A	Clothing (Specify) N/A	Other (Specify) N/A
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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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