



VIRGIN PTFE

MATERIAL SPECIFICATION SHEET

PRODUCT	PG-Therm
REVISION NUBMER	2
DATE OF ISSUE	24/08/2016

1. Identification of Substance and the Company	
Identification	PG-Therm
Application	PG-Therm is a mica based gasket material with good mechanical properties, the material is designed for use in high temperature applications such as exhaust systems.
Company Name	<i>RAM Gasket Solutions Ltd, Cardrew Industrial Estate Redruth Cornwall. TR15 1SS</i>

2. Composition	
Description	PG-Therm is a mica (Phlogopite) gasket material with a small Percentage of silicone binding system.
Ingredients	Mica (CAS No : 12001-26-2)

3. Hazard Identification	No known hazards.
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The company's products are used for a multiplicity of purposes and as the company has no control over the method of their applications or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and/or their fitness for any particular purpose. Any technical co-operation between the company and the customer is given for customers assistance only and without liability on the part of the company

4. First Aid Measures

Skin Contact	No known hazards.
Eye Contact	No known hazards.
Ingestion	No known hazards.
Inhalation	No known hazards.

5. Fire Fighting Measures

Extinguishing Media	Water, Dry Powder and Foam.
Fire, Explosion Hazards	No known hazards.
Protection Measures	As a precaution breathing apparatus should be used.

6. Release Measures

Personal Precautions	Hand Protection - Cotton or Rubber Gloves. Eye Protection - Safety Glass to be worn when machining. Skin Protection - Overalls to be worn.
Environmental Precautions	Dispose of any dust or waste at any licensed land fill site.
Clean Up	Remove any dust by vacuum.

7. Storage and Handling

Storage	Store in a dry cool area away from direct sunlight.
Shelf Life	Indefinite if stored correctly.

8. Exposure Measures

Exposure Limits	3mg/m ³
Engineering Measures	Please use exhaust ventilation when grinding or drilling operations are involved.

9. Physical / Chemical Properties

Appearance	Gold
Odour	None.
Auto Ignition Temperature	> 1000 °C.
Relative Density	1.95 g/cm ³ .
Solubility	Insoluble in Water.



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10. Stability and Reactivity	
Stability	Stable if stored correctly.
Conditions to Avoid	Overheating (see HI TEMP 710 Datasheet).

11. Short Term Effects	
Eye Contact	May cause irritation.
Skin Contact	Slight Irritation
Ingestion	Not Established.

12. Ecological	
LC50	Not applicable.
COD	Not applicable.
BOD	Not applicable.
Other	Not applicable.

13. Disposal Conditions	Refer to section 6.
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14. Transport Information	
Packaging	Pack the material to prevent damage in transit.
Freight Classifications	Classed as non-dangerous goods.

15. Regulatory Information	
Risk Phrases	Not applicable.
Safety Phrases	S22, S35, S37.

16. Other Information	
S22 =	Do not breathe dust.
S35 =	This material and its container must be disposed of in a safe way.
S37 =	Wear suitable gloves.

Health and Safety at Work Act 1974

The Control of Substances Hazardous to Health Regulations 1988

NOTE: The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.



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