

Flexitallic Ltd

MATERIAL SAFETY DATA SHEET

PRODUCT SAFETY DATA SHEET FOR: RGS4

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ISSUE DATE: 22/11/2010

Issue Number 1

1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY

1.1 Chemical Identification RGS4

1.2 Application Exfoliated graphite sheet with stainless steel foil insert.

1.3 Company Identification

Flexitallic Ltd
Hunsworth Lane
Cleckheaton
West Yorkshire
BD19 4LN

Telephone No: 01274 851273
Fax No: 01274 300303
E-Mail: enquiries@flexitallic.eu

2: COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Chemical Description
Exfoliated graphite sheet with stainless steel foil insert.

2.2 Hazardous Ingredients	Cas No	Wt %	R Phrases
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3: HAZARD IDENTIFICATION

No ingredients classified hazardous.

4: FIRST AID MEASURES

4.1 Eye Contact Rinse immediately with plenty of water. If the symptoms still occur seek medical advice.

4.2 Skin Contact Wash thoroughly with soap and water. If symptoms still occur seek medical advice.

4.3 Ingestion Obtain medical advice

4.4 Inhalation Move to fresh air. If symptoms still occur seek medical advice.

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5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media Though it does not burn under normal conditions.
Water, Carbon dioxide, Dry powder, Foam.

5.2 Fire and Explosion Hazards Dust may glow in oxygen-containing atmosphere above 350 Deg C. During glowing and in case of fire CO/CO₂ is generated.

5.3 Protection Measures
Fire fighters should wear self-contained breathing apparatus as a precaution.

6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions
Recommendations given in section 8.

6.2 Environmental Precautions
Waste disposal, see section 13.

6.3 Cleaning Up
Remove any dust generated by vacuum or damp cloth.

7: STORAGE AND HANDLING

7.1 Storage
Cool, dry conditions away from direct sunlight and electrical discharge.

7.2 Recommended Shelf Life
Indefinite if stored correctly.

7.3 Handling
Wear gloves.

8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Occupational Exposure Limits
Not applicable.

8.2 Engineering Measures
Recommend local exhaust ventilation when cutting, grinding machining or drilling operations involved.

8.3 Personal Protective Equipment
Respiratory Protection
Use suitable respirator if dust exposure limits are exceeded during cutting, grinding or drilling.
Hand Protection
Wear leather gloves.
Eye Protection
Use approved eye protection when machining.
Skin Protection
Wear overalls.



9: PHYSICAL / CHEMICAL PROPERTIES

9.1	Appearance	Solid, Grey / Black reflectant.
9.2	Odour	None.
9.3	PH	5.0 to 7.0
9.4	Boiling Point	Not applicable.
9.5	Melting Point	Not applicable (of metal 1420 Deg C)
9.6	Flash Point	Not applicable.
9.7	Auto Ignition Temperature	Not applicable.
9.8	Explosive Properties	Not applicable.
9.9	Vapour Pressure	Not applicable.
9.10	Relative Density	1.0 g/cc
9.11	Solubility	Insoluble in water.

10: STABILITY AND REACTIVITY

10.1	Stability	Stable under recommended storage conditions.
10.2	Conditions to Avoid	Avoid excessive overheating.
10.3	Materials to Avoid	Not applicable
10.4	Hazardous Decomposition Products	Carbon Dioxide in air (at temperatures above 500 Degrees C and in an oxidised atmosphere).

11: TOXICOLOGICAL INFORMATION

11.1	Short Term Effects	
	Eye Contact	May cause irritation.
	Skin Contact	May cause temporary irritation.
	Ingestion	Not established.

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11.1 Inhalation Any dust may cause irritation to upper respiratory tract.

11.2 Chronic Effects

12: ECOLOGICAL INFORMATION

12.1 LC50 Not applicable.

12.2 COD Not applicable.

12.3 BOD Not applicable.

12.4 Other Not applicable.

13: DISPOSAL CONSIDERATIONS

Seal any dust and waste product generated during cutting or drilling and dispose of in approved licensed land fill site.

14: TRANSPORT INFORMATION

14.1 Packaging
Pack to prevent damage and liberation of any dust.

14.2 Freight Classifications Not classified as dangerous goods.

ADR Number Not applicable.

IMDG Code Not applicable.

Packing Group Not applicable.

Trem Card Not applicable.

UN Number Not applicable.

15: REGULATORY INFORMATION

15.1 CPL Classification Not applicable.

Hazard Pictogram Not applicable.

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15.1 Risk Phrases Not applicable.

Safety Phrases S22, S35, S37.

NOTE: This Data Sheet does not constitute a users assessment of workplace risk as required by HSW act, COSHH, Management of Health and Safety at Work regulations or other Health and Safety legislation.

16: OTHER INFORMATION

Text of any Risk Phrases/Safety Phrases listed in 15.1

S22 Do not breathe dust.

S35 This material and its container must be disposed of in a safe way.

S37 Wear suitable gloves.

Further information and relevant advice can be found in:-

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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