

Novus Sealing Ltd

MATERIAL SAFETY DATA SHEET

PRODUCT SAFETY DATA SHEET FOR: Novus Graftec

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ISSUE DATE: 27/10/09

Issue Number 3

1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY

1.1 Chemical Identification Novus Graftec

1.2 Application An elastomer bonded gasket material intended for use as a sealing material between flanges, can be in the form of sheets or cut gaskets.

1.3 Company Identification

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2: COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Chemical Description

A compressed non-asbestos gasket material consisting of graphite, reinforced with Aramid Fibre and bonded with Acrylonitrile / Butadienne rubber.

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

Although some of the raw materials used in the material may be considered hazardous, the manufacturing process results in the formation of a bonded sheet which is considered inert.

4: FIRST AID MEASURES

4.1 Eye Contact No known hazard in general use.

4.2 Skin Contact No known hazard in general use.

4.3 Ingestion Unlikely to occur in general use.

4.4 Inhalation In the product as supplied no significant health hazard.

5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media Water, Carbon dioxide, Dry powder, Foam.

5.2 Fire and Explosion Hazards

The product is inherently flame resistant but material in or near fires should be cooled with water, thermal decomposition or combustion may produce dense smoke, oxides of carbon and low molecular weight organic compounds.

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

0.5 fibres / ml air

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 cotton or rubber gloves.

Eye Protection

Use approved eye protection when machining.

Skin Protection

Wear overalls.

9: PHYSICAL / CHEMICAL PROPERTIES

9.1	Appearance	Black coloured sheet or gasket.
9.2	Odour	Slight rubber odour.
9.3	PH	Slightly alkaline.
9.4	Boiling Point	Not applicable.
9.5	Melting Point	Not applicable.
9.6	Flash Point	Not applicable.
9.7	Auto Ignition Temperature	> 300oC (degrees)
9.8	Explosive Properties	Not applicable.
9.9	Vapour Pressure	Not applicable.
9.10	Relative Density	1.65 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	
10.4	Hazardous Decomposition Products	

11: TOXICOLOGICAL INFORMATION

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

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.

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.

Significant Contents:	CAS No
Synthetic Rubber	9003-18-3
Graphite	7782-42-5
Aramid Fibre	63428-84-2
Fillers	1332-58-7
	13983-17-0
Vulcanising agents	Less than 1%

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.

