

# Novus Sealing Ltd

## MATERIAL SAFETY DATA SHEET

PRODUCT SAFETY DATA SHEET FOR: Novus HDS1

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ISSUE DATE: 11/03/09

Issue Number 1

### 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY

**1.1 Chemical Identification** Novus HDS1

**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**

Novus Sealing Ltd  
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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

**2.1 Chemical Description**

A compressed non-asbestos fibre gasket material consisting of inert fillers and synthetic fibres bonded with Acrylonitrile / Butadienne rubber.

<b>2.2 Hazardous Ingredients</b>	<b>Cas No</b>	<b>Wt %</b>	<b>R Phrases</b>
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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**

<b>9.1</b>	<b>Appearance</b>	Yellow / Red coloured sheet or gasket.
<b>9.2</b>	<b>Odour</b>	Slight rubber odour.
<b>9.3</b>	<b>PH</b>	Slightly alkaline.
<b>9.4</b>	<b>Boiling Point</b>	Not applicable.
<b>9.5</b>	<b>Melting Point</b>	Not applicable.
<b>9.6</b>	<b>Flash Point</b>	Not applicable.
<b>9.7</b>	<b>Auto Ignition Temperature</b>	> 300oC (degrees)
<b>9.8</b>	<b>Explosive Properties</b>	Not applicable.
<b>9.9</b>	<b>Vapour Pressure</b>	Not applicable.
<b>9.10</b>	<b>Relative Density</b>	1.75 g/cc
<b>9.11</b>	<b>Solubility</b>	Insoluble in water.

**10: STABILITY AND REACTIVITY**

<b>10.1</b>	<b>Stability</b>	Stable under recommended storage conditions.
<b>10.2</b>	<b>Conditions to Avoid</b>	Avoid excessive overheating.
<b>10.3</b>	<b>Materials to Avoid</b>	
<b>10.4</b>	<b>Hazardous Decomposition Products</b>	

**11: TOXICOLOGICAL INFORMATION**

<b>11.1</b>	<b>Short Term Effects</b>	
	<b>Eye Contact</b>	May cause irritation.
	<b>Skin Contact</b>	May cause temporary irritation.
	<b>Ingestion</b>	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
Aramid Fibre	63428-84-2
Fillers	1332-58-7
	7631-86-0
	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.**