

# Novus Sealing Ltd

## MATERIAL SAFETY DATA SHEET

PRODUCT SAFETY DATA SHEET FOR: Novus Hi-Temp

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ISSUE DATE: 25/03/2010

Issue Number 2

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

<b>1.1 Chemical Identification</b>	<b>Novus Hi-Temp</b>
<b>1.2 Application</b>	A mica based high temperature sealing material for use as sealing material between flanges, can be in the form of sheets or cut gaskets.
<b>1.3 Company Identification</b>	
Novus Sealing Ltd	Telephone No: 01274 878787
Hunsworth Lane	Fax No: 01274 862588
Cleckheaton	E-Mail: mailbox@novussealing.com
West Yorkshire	
BD19 4EJ	

### 2: COMPOSITION / INFORMATION ON INGREDIENTS

<b>2.1 Chemical Description</b>	Phlogopite mica paper impregnated with a high quality silicone bond		
<b>2.2 Hazardous Ingredients</b>	<b>Cas No</b>	<b>Wt %</b>	<b>R Phrases</b>

### 3: HAZARD IDENTIFICATION

None

### 4: FIRST AID MEASURES

<b>4.1 Eye Contact</b>	No known hazard in general use.
<b>4.2 Skin Contact</b>	No known hazard in general use.
<b>4.3 Ingestion</b>	Can induce vomiting
<b>4.4 Inhalation</b>	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**  
None.

**5.3 Protection Measures**  
None

**6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal Precautions**  
Not applicable.

**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.

**7.2 Recommended Shelf Life**  
Indefinite if stored correctly.

**7.3 Handling**  
No Specific precautions required.

**8: EXPOSURE CONTROL / PERSONAL PROTECTION**

**8.1 Occupational Exposure Limits**  
Mica: 3 mg/m<sup>3</sup>

**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**  
Not required  
**Eye Protection**  
Not required  
**Skin Protection**  
Not required

**9: PHYSICAL / CHEMICAL PROPERTIES**

<b>9.1</b>	<b>Appearance</b>	Light gold
<b>9.2</b>	<b>Odour</b>	None
<b>9.3</b>	<b>PH</b>	Neutral
<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>	On first exposure to extreme high temperature, a small amount of gas may ignite briefly
<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>	1.9 g/dm <sup>3</sup> on 2 mm pieces
<b>9.11</b>	<b>Solubility</b>	Insoluble in water.

**10: STABILITY AND REACTIVITY**

<b>10.1</b>	<b>Stability</b>	Binder undergoes change of state at about 250deg C.
<b>10.2</b>	<b>Conditions to Avoid</b>	
<b>10.3</b>	<b>Materials to Avoid</b>	
<b>10.4</b>	<b>Hazardous Decomposition Products:</b>	CO <sub>2</sub> , CO, SiO <sub>2</sub> from binder. A lack of oxygen may give rise to small amounts of formaldehyde and its polymerisation products formed as intermediate products.

**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 irritation.
	<b>Ingestion</b>	During mechanical transformations, silicon containing mica dust can be formed.

**11.1 Inhalation** May cause irritation.

**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**

No special procedures apply

**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

S35

S37

**Significant Contents:** CAS No

Mica 12001-26-2

**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.**