

# Novus Sealing Ltd

## MATERIAL SAFETY DATA SHEET

PRODUCT SAFETY DATA SHEET FOR: Novus TI

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ISSUE DATE: 25/03/2010

Issue Number 3

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

**1.1 Chemical Identification** Novus TI

**1.2 Application** Exfoliated graphite sheet with tanged stainless steel insert.

**1.3 Company Identification**

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BD19 4EJ

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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

**2.1 Chemical Description**  
Exfoliated graphite sheet with tanged stainless steel insert.

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



**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/CO<sub>2</sub> 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**

<b>9.1</b>	<b>Appearance</b>	Solid, Grey / Black reflectant.
<b>9.2</b>	<b>Odour</b>	None.
<b>9.3</b>	<b>PH</b>	5.0 to 7.0
<b>9.4</b>	<b>Boiling Point</b>	Not applicable.
<b>9.5</b>	<b>Melting Point</b>	Not applicable (of metal 1420 Deg C)
<b>9.6</b>	<b>Flash Point</b>	Not applicable.
<b>9.7</b>	<b>Auto Ignition Temperature</b>	Not applicable.
<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>	1.0 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>	Not applicable
<b>10.4</b>	<b>Hazardous Decomposition Products</b>	Carbon Dioxide in air (at temperatures above 500 Degrees C and in an oxidised atmosphere).

**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.

### **Graphite specification**

Total Sulphur = < 500 ppm

Total Chloride = < 25 ppm

Leachable Chloride = < 25 ppm

Total Fluoride = < 25 ppm

Leachable Fluoride = < 25 ppm

### **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.**