

Novus Sealing Ltd

MATERIAL SAFETY DATA SHEET

PRODUCT SAFETY DATA SHEET FOR: Novus Hi-Temp

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ISSUE DATE: 15/07/05

Issue Number 1

1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY

1.1 Chemical Identification	Novus Hi-Temp
1.2 Application	A mica based high temperature sealing material for use as sealing material between flanges, can be in the form of sheets or cut gaskets.
1.3 Company Identification	
Novus Sealing Ltd	Telephone No: 01274 878787
Hunsworth Lane	Fax No: 01274 862588
Cleckheaton	E-Mail: mailbox@novussealing.com
West Yorkshire	
BD19 3UJ	

2: COMPOSITION / INFORMATION ON INGREDIENTS

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

3: HAZARD IDENTIFICATION

None

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	Can induce vomiting
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
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/m³

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

9.1	Appearance	Light gold
9.2	Odour	None
9.3	PH	Neutral
9.4	Boiling Point	Not applicable.
9.5	Melting Point	Not applicable.
9.6	Flash Point	Not applicable.
9.7	Auto Ignition Temperature	On first exposure to extreme high temperature, a small amount of gas may ignite briefly
9.8	Explosive Properties	Not applicable.
9.9	Vapour Pressure	Not applicable.
9.10	Relative Density	1.9 g/dm ³ on 2 mm pieces
9.11	Solubility	Insoluble in water.

10: STABILITY AND REACTIVITY

10.1	Stability	Binder undergoes change of state at about 250deg C.
10.2	Conditions to Avoid	
10.3	Materials to Avoid	
10.4	Hazardous Decomposition Products:	CO ₂ , CO, SiO ₂ 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

11.1	Short Term Effects	
	Eye Contact	May cause irritation.
	Skin Contact	May cause irritation.
	Ingestion	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.