



MATERIAL SAFETY DATA SHEET

BigBond High Grab

1. Identification of the substance / preparation and company.

Product name BigBond High Grab 01/07/2006 Revision 2
Product Code BBF01
Supplier bigHead Bonding Fasteners Limited
Address Units 15 & 16 Elliot Road
West Howe Industrial Estate, Bournemouth
Dorset. BH11 8LZ. UK
Tel: +44 (0)1202 574601
Fax: +44 (0)1202 572696
Email: info@bighead.co.uk
Emergency telephone number 01202 574601

2. Composition / Information on Ingredients.

Preparation description Description

Dangerous components / constituents

<u>CAS / Registry no.</u>	<u>Material description</u>	<u>% Content</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
2768-02-7	Trimethoxyvinylsilane	< 25	Xn	R10-20
1760-24-3	N-(2-aminoethyl)-3-aminopropyltrimethoxysilane	0.1 – 1	C	R34-43

3. Hazards Identification.

No hazard classification.

4. First Aid Measures.

Inhalation Remove the victim in to fresh air.
Seek medical advice.

Skin Rinse immediately with plenty of water.
If irritation persists; seek medical advice.

Eye Rinse immediately with plenty of water.
Seek medical advice.

Ingestion Never give water to an unconscious person.
Do not induce vomiting.
Seek medical advice.

5. Fire-fighting Measures.

Special exposure hazards On burning, formation of small quantities of nitrous vapours, carbon monoxide and carbon dioxide.

Extinguishing media Non combustible.
Extinguishing media for surrounding fires: all extinguishing media allowed.

Unsuitable extinguishing media None.

Protective equipment Heat / Fire exposure: compressed air / oxygen apparatus.
Protective clothing for exposure to chemicals.



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6. Accidental Release Measures.

Personal protection	See section 8.
Environmental precautions	Use appropriate containment to avoid environmental contamination.
Clean up method	Cover spill with inert material, e.g. sand, earth, etc. Take collected spill to competent authority. Wash clothing and equipment after handling.

7. Handling and Storage.

Handling	Observe normal hygiene standards.
Storage	Keep container tightly closed.
Materials for packaging	Suitable: plastic.

8. Exposure Controls / Personal Protection.

Recommended engineering controls	Use only in well ventilated areas.
Respiratory protection	Respiratory protection not required in normal conditions.
Hand protection	Chemically resistant gloves.
Eye protection	Safety glasses / goggles.
Body protection	Suitable protective clothing.

9. Physical and Chemical Properties.

Physical state	Paste.
Colour	White.
Odour	No data available.
PH	N.D.
Flash point	N/A
Specific gravity	N.D.
Solubility in water	Insoluble.
Viscosity	N.D.

10. Stability and Reactivity.

Stability	Stable under normal conditions.
Conditions to avoid	None.
Materials to avoid	None.
Hazardous decomposition products	On burning, formation of small quantities of nitrous vapours, carbon monoxide and carbon dioxide.



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11. Toxicological Information.

TRIMETHOXYVINYL SILANE

LD50 oral rat	8294 mg/kg
LD50 dermal rabbit	3797 mg/kg
LC50 inhalation rat	16 mg/l/4h
	2714 ppm/4h

N-(2-AMINOETHYL)-3-AMINOPROPYLTRIMETHOXY SILANE

LD50 oral rat	7460 mg/kg
LD50 dermal rabbit	N.D. mg/kg
LC50 inhalation rat	N.D. mg/l/4h
	N.D. ppm/4h

12. Ecological Information.

Mobility	VOC: 3%
	Insoluble in water.
	Substance sinks in water.

Eco-toxicity	No data available.
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13. Disposal Consideration.

Product disposal	Remove to an authorised waste treatment plant.
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Container disposal	Waste material code packaging (75/442/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 02 (plastic packaging).
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Provisions relating to waste	Waste material code (75/442/EEC, Council decision 2001/118/EC, O.J. L47 of 16/2/2001): 08 04 10 (waste adhesives and sealants other than those mentioned in 08 04 09).
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14. Transport Information.

Not restricted for any mode of international transport.

15. Regulatory Information.

Labelling in accordance with EC directives 67/548/EEC and 1999/45/EC

Contains: N-(2-aminoethyl)-3-aminopropyltrimethoxysilane.
May produce an allergic reaction.

16. Other Information.

Date issued	01/07/2006 Revision 2
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Other information	The information provided in this data sheet is based on our current knowledge of the product and is intended to describe it for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
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