



Commercial product name: Ghost Bond XL
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1. **Identification of the substance/preparation and of the company/undertaking**

1.0 Identification of the substance or preparation:
Commercial Product Name: Ghost Bond XL
Version: 1

1.1 Company/undertaking identification:

[Redacted company information]

2. **Hazards Identification**

2.0 Critical hazards to man and environment: None in intended use as an adhesive.
2.1 May cause very mild temporary irritation to skin.

3. **Composition/information on ingredients**

3.0 Chemical characterisation (substance): Dispersion of acrylic polymers in water.
Also contains: Preservative: Blend of Parabens and Phenoxyetanol.

4. First aid measures

- 4.0 General information: after inhalation: no special measures required.
Skin contact with the wet product: Wash with soap and water.
Eye contact: rinse immediately with plenty of clean water for 10-15 minutes and seek medical advice.
Swallowing: permit vomiting. Seek medical advice and clearly identify substance.
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5. Fire fighting measures

- 5.0 General information: Product does not burn. Use extinguishing measure appropriate to the source of the fire.
- 5.1 Suitable extinguishing media: Water, dry extinguishing media, foam, carbon dioxide.
- 5.2 Special exposure hazards arising from the substances or preparation itself, combustion products, resulting gases: Unknown.

6. Accidental release measures

- 6.0 Personal precautions: no special measures required.
- 6.1 Environmental precautions: Observe local laws.
- 6.2 Methods for cleaning up: Absorb mechanically and dispose of according to regulations. Absorb with a liquid binding material such as diatomaceous earth and dispose of according to regulations. Dilute with plenty of water and dispose of accordingly.
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7. Handling and storage

- 7.0 General information: no special protective measure required.
- 7.1 Handling: Precautions for handling: Observe normal industrial hygiene practices.
Precautions against fire and explosion: No special precautions against fire and explosion required.
- 7.2 Storage: Conditions for storage rooms and vessels: Do not allow to freeze. Do not store below 5°C or above 30 °C.
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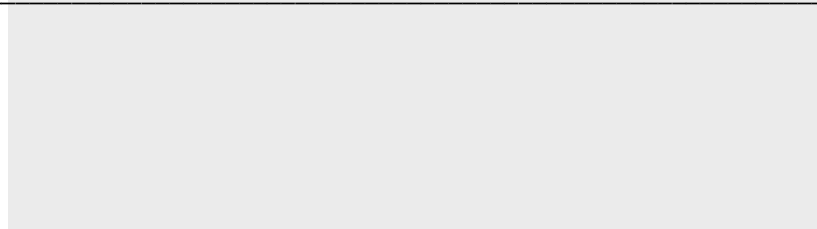
8. Exposure controls / personal protection

8.0 Further information for system design and engineering measures.

8.1 Associate substance with specific control parameters such as limit values: Not known.

8.2 Personal protection equipment:

General protection and hygiene measures:	Do not eat or drink when handling.
Respiratory protection:	Not required.
Hand protection:	Recommended, -safety gloves
Eye protection:	Goggles giving full protection.
Skin protection:	Not normally required. Wash after use.



9. Physical and chemical properties

9.0 Appearance:

Form : Liquid
Colour : White
Odour : Faint

pH: approx. 5 @ 23 C

Dynamic viscosity: 12000 + - 1000 CPS@ 20 Degrees C Spindle 4 Speed 10 Brookfield

Solids content: approx. 67%

S.G.: 1.01 @ 20 C

10. Stability and reactivity

10.0 General information:

If stored and handled in accordance with industrial practices no hazardous reactions are known.

10.1 Hazardous decomposition products: None

11. Toxicological information

11.0 General information:

According to the experience gained by us and our customers the product has no harmful effect on health if it is used properly and in accordance with the given recommendations.

None of the components in this product at concentrations greater than .1% are listed as a carcinogen.

In individual cases the liquid product may cause irritation to the skin and mucous membranes on prolonged contact.

12. Ecological information

12.0 Information on elimination (persistence and degradability) : Easily eliminated from water by abiotic processes.

12.1 Toxicity to fish: Brachydanio rerio /LC50 (96h): > 100 mg/l

12.2 Ecotoxicological effects: No negative ecological effects expected.

12.3 Further ecological information: According to our present knowledge - No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable. Only introduce into water purification plants in diluted state.

13. Disposal considerations

- 13.0 Material:
Recommendation: Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of in a domestic waste incinerator. Observe local laws and bye-laws. After chemical deflocculation: Can be stored with domestic waste. Observe local laws and bye-laws.
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14. Transport information

- 14.0 Land transport ADR/ROD and GGVS/GGVE:
GGVS / GGVE.....: Non-hazardous material
ADR / RID: Non-hazardous material
Express.....: permitted
- 14.1 Inland navigation ADN/ADNR:
- 14.2 Transport by sea IMDG/GGVsea:
IMDG/GGVsea-class.....: Non-hazardous material
Marine pollutant.....: No
- 14.3 Air transport ICAO-TI and IATA-DGR transport by air:
ICAO/IATA-class: Non-hazardous material
- 14.4 Air mail transport.....: permitted
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15. Regulatory information

No Hazard warning label required in accordance with International directives.

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16. Other information

n.a. = not applicable n.s. = not subject to

Ghost Bond XL has been developed for use as a pressure sensitive adhesive for bonding Hair Replacement Systems to skin etc. If Ghost Bond XL is to be used for another process, the user should verify, by means of tests etc, that the product is suitable for the intended application.

The above information describes exclusively the safety requirements for the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. The delivery specification is to be found in the respective product leaflet.

The information contained in this sheet does not constitute a hazard assessment, and should not be used in place of the user's own assessment of workplace risks as required by other health and safety legislation. Our data and suggestions are based on information which we believe to be reliable. Users should verify by tests that our product as well as suggested methods are suitable with the product / materials being used in their application. Since specific use, materials and handling are not controlled by us, our warranty is limited to the replacement of any defective product supplied by us. Full technical support is available from our trained sales staff.

