

TECHNICAL DATA SHEET

GRIPFILL ADHESIVE

DESCRIPTION: Gripfill is a solvent-borne, filled rubber resin adhesive developed to bond virtually any rigid material together regardless of the evenness of the surface.

USES: Gripfill is a high strength, one part, gap filling adhesive specially formulated to bond a large variety of materials such as plywood, block wood, chipboard, hardboard, laminated plastics, rigid uPVC (excluding foamed PVC), rigid insulation materials (excluding polystyrene), metal sheeting including aluminium, steel, galvanised iron, tin plate and non-ferrous metals, to themselves or to brick, stone, breeze block, sand/cement screeds, concrete, plaster, plasterboard and insulation boards.

Where Gripfill is used externally, it must be protected from driving rain, ponding water or permanently wet situation. This can be achieved by using a suitable silicone sealant.

Gripfill is not recommended for bonding mirrors.

PREPARATION: Surfaces to be bonded must be clean, structurally sound, dry and free from dust or loose material. Porous surfaces such as plaster and fibre cement board should first be primed using PVA diluted 5:1 with water and allowed to dry thoroughly before Gripfill is applied.

APPLICATION: a) Stair nosing, window frames etc - Apply a continuous bead approx. 6mm diameter to the surface being bonded. Position on the substrate, if possible by sliding into place and apply pressure overall. If the object is to be applied to a vertical surface, temporary mechanical support may be required.

b) Wall panels – For most work, Gripfill should be applied as a 6mm bead diameter to the rear of the panel. Extrude a continuous bead around the panel approximately 25mm from the edge. Additional beads should then be applied across the panel at 600mm centres (450mm for heavy panels). Immediately present the panel to the wall slightly above its required position and applying pressure slide it into place in order to break any surface skin. Press firmly to ensure maximum overall contact, using a soft mallet if necessary. Any adjustment must be made within the first five minutes of placing. Alternative, Gripfill may be applied in blobs approximately 10-12mm in diameter at 300mm centres. This is not recommended for bonding plastic materials.

c) Impervious materials – Where two impervious materials are to be bonded, apply Gripfill as above, press firmly together and break the bond by pulling away immediately ensure good transfer has occurred. Wait a maximum of five minutes and re-bond the two materials

SAFE HANDLING PRECAUTIONS:

Flammability: Highly flammable.

Keep away from sources of ignition including pilot lights and sparks.

Take precautionary measures against static discharge.

Ensure thorough ventilation. Do Not Smoke.



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE & OF THE COMPANY UNDERTAKING

Product Name: GRIPFILL
Company: Laybond Products Ltd
Riverside, Saltney, Chester CH4 8RS
Tel: 01244 674 774

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No:	Chemical Name	%	Classification
108-88-3	Toluene	10-20	F;R11; Xn R20
78-93-3	Butanone	10-20	F;R11; Xi, R36, R66, R67

3. HAZARDS IDENTIFICATION

Highly flammable (R11). Contains highly volatile solvents and irritating vapours. Inhalation should be avoided. Solvents can cause defatting of the skin and in extreme cases dermatitis.

4. FIRST AID MEASURE

Inhalation: Remove to fresh air. If discomfort persists seek medical advice.

Skin contact: Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking or toilet functions.

Eye contact: Irrigate immediately with clean water for 15 minutes and obtain medical attention.

Ingestion: If swallowed, seek medical advice immediately. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Dry powder, CO₂, foam, sand, earth

Unsuitable extinguishing media: Never use water jet

Special exposure hazards in fires: None known

Required special protective

equipment for fire fighters: Wear suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Precautions: Stem flow of spilled material. Extinguish all naked flames and cigarettes. Materials should be mopped up immediately with an inert absorbent material such as sand earth etc.

Dispose of at an appropriate licensed waste disposal site in accordance with current laws and regulations.

7. HANDLING AND STORAGE

Handling: Ensure adequate ventilation. Keep containers tightly closed. No Smoking.

Storage: Store under cover out of direct sunlight and away from sources of heat and ignition in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

UK Occupational exposure standard – EH40

Toluene – 50ppm, 188mg/m³ 8HR TWA

Butanone – 200ppm, 590mg/m³ 8HR TWA

Respiratory protection: Avoid inhalation of vapours, use local exhaust ventilation. In poorly ventilated areas, a cartridge mask approved for organic vapours is recommended.

Hand protection: Wear suitable impervious gloves.

Skin protection: Appropriate protective clothing.

Eye protection: Appropriate chemical resistant goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Beige/brown paste
Odour:	Aromatic solvent
PH:	Not applicable
Boiling point/ boiling point range:	Not determined
Melting point/ melting point range:	Not applicable
Flashpoint (°C):	<10°C – closed cup
Autoflammability:	Not determined
Explosive properties:	UEL 7% vol LEL 1.1% vol
Oxidising properties:	Not applicable
Vapour pressure:	Not determined
Relative density:	Approx 1.2
Solubility (water & fat)	Insoluble in water

10. STABILITY AND REACTIVITY

Stable under normal conditions. Avoid excessive heat.

Hazardous decomposition products: Carbon dioxide, carbon monoxide, hydrogen gases.

11. TOXICOLOGICAL INFORMATION

Vapours irritating to eyes and respiratory tract may cause drowsiness and loss of consciousness.

Repeated exposure of skin to liquid may cause dermatitis.

12. ECOLOGICAL INFORMATION

The preparation has not been tested but is unlikely to bio accumulate.

13. DISPOSAL RECOMMENDATIONS

Materials and container should be disposed of as hazardous waste in accordance with National and local regulations.

14. TRANSPORT INFORMATION

UN No 1133

Adhesive class 3.2

Packaging Group II

15. REGULATORY INFORMATION

R11 – highly flammable. S16 – Keep away from sources of ignition – no smoking. S2 – Keep out of reach of children. S9 – Keep container in a well ventilated place. S46 – If swallowed seek medical advice immediately and show the container label. S51 – Use only in well ventilated areas. S56 – Dispose of this material and its container to hazardous or special waste collection point. EEC Symbol – F Flammable

16. OTHER INFORMATION

Uses: Gap filling adhesive.

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.