

EVERBUILD INSTANT NAILS

DESCRIPTION

EVERBUILD INSTANT NAILS is a high strength solvent free gap filling adhesive that provides a quick “grab” and replaces mechanical fixings in a multitude of Home Improvement applications, both internally and externally. The product has exceptionally quick drying properties for a solvent free adhesive achieving over 50% of its ultimate bond strength in one hour. INSTANT NAILS dries white and is overpaintable when dry.

BENEFITS

- Solvent free - environmentally friendly formulation
- Excellent adhesion/bond strength - adheres to most common surfaces -**QUICKLY**
- Good early grab properties - usable in both vertical and horizontal positions.
- Dries white
- Will adhere to damp surfaces.
- Water clean up - no hazardous solvents.
- Overpaintable.

AREAS FOR USE

- Sticking wood, metal, PVC , most plastics, glass, aluminium, concrete, render, stone, paper, cork, ceramics plaster/plasterboard, rockwool, Pufoam board, Styrofoam, breezeblock etc
- Bonding dado rails, architrave's and skirting
- Fixing wall cladding direct to internal wall surfaces or timber battens.
- Fixing battens directly onto walls without fastenings.
- Bonding carpet gripper systems to most floors without the need for nails or tacks.
- Bonding stair nosing to concrete or wooden stairs.
- Securing aluminium or other skin panels to the framework or portable industrial buildings and caravans.

LIMITATIONS

- At least one surface must be porous.
- When used externally, protect from rain until cured.
- In damp, cold or humid conditions, curing time may be significantly extended.
- Do not use in permanently damp/wet conditions.
- Do not in situations where both surfaces are non -porous (eg plastic/plastic - metal/metal) - use GUN A NAIL EXTRA.
- Do not use as a mirror adhesive: use EVERBUILD POLYMER MS.

SURFACE PREPARATION

The surfaces to be glued should be clean and free from dust, grease and other contaminants. Wood, plaster and brick may be damp but not running wet (NOTE This will slow down the drying time). Use mechanical abrasion to clean porous surfaces if necessary before application.

APPLICATION

- Surfaces must be sound, clean, dry and free from dust, grease, loose material etc. At least one surface must be porous.
- Prime dusty surfaces with EVERBUILD PVA BOND diluted 1:4 with water and allow to dry.
- Apply using a standard sealant gun, cut tip of cartridge, apply nozzle and cut an opening to suite the required bead size.
- For bonding heavy items (Plasterboard/worktops/wall panels etc) apply adhesive all the way around the edge of the item (30-50mm from edge) and cover back with beads of adhesive at 300mm intervals. Alternatively, apply adhesive direct to battens and press into place. NOTE.
With heavy items, always provide temporary support until the adhesive dries.
- For bonding lightweight items (covings, dado rails, skirting etc) apply adhesive to back of item in one or two continuous beads and press immediately into place.
- Where gap filling is required, mark the areas where there is a large gap and apply a thicker bead to these areas.

In all cases, clean up excess adhesive immediately with a damp cloth.

SPECIFIC DATA

FORM	White thixotropic paste (ready to use)
VISCOCITY	3000+/- 1000cPs (Brookfield Sp70, 10rpm) (low)
COVERAGE	300ml will cover 11 linear meters. (6mm bead)
SOLIDS:	75-80%.
CURE	Initial: 30 mins. Final: 24 -48 hrs. (dep on substrate)
SPECIFIC GRAVITY	1.44 g/cm ³
FLASH POINT	None (solvent free)
OPEN TIME	Max 10mins at 23oC and 50% R.H
APPLICATION TEMP.	+4 - +35oC.
DURABILITY:	Up to 15 years when used as recommended.
SHELF LIFE:	Up to 18 months when stored in unopened containers under cool dry conditions. AVOID FROST.

PRODUCT	BOND STRENGTH 30 MINS (N/mm ²)	BOND STRENGTH 60 MINS (N/mm ²)	BOND STRENGTH 24 HRS (N/mm ²)	B.STR (7 days)
<i>Instant Nails</i>	1.22	1.72	2.50	3.3
<i>Leading Brand</i> (solvent free)	Not determined	0.79	2.87	2.83

Test carried out beech to beech (overlap 1 inch x 1 inch on a 4 inch x 1 inch strips) Crosshead speed 50mm/min).

HEALTH AND SAFETY

Not hazardous to health in normal use. Wash the material from the skin whilst still wet. Material in contact with the eyes should be washed out immediately with water. Seek medical advice if irritation persists. See separate data sheet for full assessment.

STORAGE

]Store in original unopened containers between 15 and 20°C

SHELF LIFE

Use within 18 months.

SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: INSTANT NAILS

Product code: INST

Use / description of product: No significant hazard.

Company name: EVERBUILD BUILDING PRODUCTS LTD

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2. COMPOSITION / INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Wash the spillage site with large amounts of water.

[cont...]

SAFETY DATA SHEET

INSTANT NAILS

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in original containers between +5 and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: White

Odour: Barely perceptible odour

Solubility in water: Miscible

Also soluble in: Most organic solvents.

Viscosity: Highly viscous

Viscosity value: 230-330

Viscosity test method: x 1000 cps - Brookfield HBDV2+, spindle S70, 10rpm @ 20°C

Boiling point/range°C: 100

Relative density: 1.48

pH: 8.5-9.9

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Dispose of according to local or national legislation

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

Shipping name: "NOT SUBJECT TO ADR"

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION**Hazard symbols:** No significant hazard.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.