

FD170

Polystyrene Adhesive

TUSKBOND

Tuskbond FD170 Polystyrene Adhesive is a high solids, extremely tacky spray adhesive free from all chlorinated solvents.

The fast drying adhesive is developed for bonding polystyrene to itself and various substrates.

- ✓ **Specific development:**
designed for bonding polystyrene to itself and various substrates
- ✓ **High performance:**
extremely tacky, fast drying and long open time
- ✓ **Product credentials:**
non-chlorinated, dichloromethane-free system



Usage

Approved substrates:

- Polystyrene (EPS)
- Foam
- Metal
- Insulation materials
- Phenolic Foam
- Polyurethane Foam
- Mineral Wool Insulation

Do not use on flexible PVC

Packaging

Available Sizes:

500ml aerosol

Disposal Info:

Once the aerosol is empty of any hazardous materials and depressurised, it can be considered as scrap metal, in accordance with the national or local waste company, under code EWC 15 01 04* (empty aerosol, non-hazardous residues).

Aerosols that are still pressurised and contain product should be disposed of in accordance with the national or local waste company under code EWC 16 05 04* (full or partially empty aerosol).



Guidelines for use

Preparation:

USE IN A WELL VENTILATED AREA.

Shake can well before use.

Surfaces should be clean, dry and free from dust and grease.

Application:

Hold the aerosol at approximately 70° to the surface.

Apply the adhesive in 4-6 inch bands overlapping each band by roughly 50%, with a double coat applied to the edges. Move at a steady pace that provides an even coat of adhesive without allowing any material to puddle. For most applications, 80-100% adhesive coverage is required for full bond strength. On porous materials, a second coat of adhesive may be necessary.

Allow the solvents to evaporate from the adhesive (1-2 minutes depending on ambient temperature). To know when the adhesive is ready to bond, it should not transfer to a gloved hand when touched and should feel dry. Bonding the substrates before the solvents have been allowed to evaporate can cause solvent entrapment resulting in bond failures.

Carefully position the two substrates. Once brought together an aggressive bond will rapidly form.

Apply a uniform pressure over the work piece, starting in the middle and working outwards.

Whilst Tuskbond FD170 forms a very strong initial bond, a full cure will take up to 24 hours.

After use, invert the can and spray to clear any adhesive from the valve/button.



Technical Information

Base/Solvent	Hydrocarbon, acetone	Cure Time	24 hours
Propellant	DME	Shelf Life	12 months
Appearance	Clear	Coverage	~2.5m ² (dry coat weight of 25gm ²)
Application Temperature	15°C-25°C	Solids Content	35%
Temperature Resistant	70°C	Storage Temperature	15°C-35°C
Open Time	1 hour (protected from contamination)	Application	Spray-applied - web
Drying Time	1-2 minutes		

IMPORTANT NOTES

Storage & Shelf Life

Protect from extremes of temperature in a controlled environment between 15 and 35°C, and away from direct sunlight. Do not stand on a cold concrete floor. Low temperatures can result in irreparable separation of the adhesive.

DO NOT ALLOW THE PRODUCT TO FREEZE

Stored under the correct conditions, in original, unopened containers, the product will have a shelf life of 12 months. The adhesive will have a limited life once the container is opened.

Temperature & Timings

All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact H.B Fuller for advice if you wish to operate outside of these parameters.

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