CONTACT ADHESIVE · CODE HM969G

Taftbond HM969G

Contact Adhesive

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PRODUCT DESCRIPTION

Taftbond HM969G is a green coloured neoprene-based spray grade contact adhesive which has great versatilities in bonding a wide range of substrates with good adhesion. The cured adhesive has good heat and aging resistance. It bonds well to most substrates like stainless steel, natural rubber, most plastics (except PE, PP & Teflon), wood, rock wool, veneers, and PU foams. The cured adhesive has good water, heat and non-aromatic fuels resistance.

FEATURES

- Fast curing and good bonding strength
- Bonds a wide variety of substrates
- Sprayable, easy application and consistent adhesive thickness

PHYSICAL PROPERTIES (UNCURED)

PROPERTIES	SPECIFICATION
Color	Green liquid
Viscosity (Brookfield Viscometer Spindle 5rpm)	80 - 100 cps
Density	0.8
Base	Rubber polymer
Tack Free Time (30°C)	5 - 10 mins
Open Time (30°C)	30 minutes
Solid Content	16%
Application Temperature	15 - 35°C
Temperature Resistance	60°C
Shelf Life (25°C)	12 months from date of manufacturing
Packing Size	20 litre drum
Storage Condition	Cool dry places, away from direct sunlight and open flame
Coverage	7 m^2 per litre

SURFACE PREPARATION

To achieve optimal adhesion strength, it is highly recommended for substrates to be adequately abraded and cleaned prior to any bonding applications. Surfaces intended for bonding must be free from dust, oil/grease and any loose contaminants. Do not use oil-based cleaners, which serve as a barrier between the adhesive and the substrates, impeding effective bonding.

APPLICATION

- Taftbond HM969G is ideal for applications using conventional air assisted spray equipment.
- Roll the drum prior to using, preventing any possible sedimentation that may occur during storage.
- Spray a moderate coating to both surfaces, ensuring at least 90% of each surface is coated.
- Porous or absorbent substrates may require 2 coats of adhesive. Apply the second coat straight away after the first layer tacked off.
- It is critical to allow adhesive to tack free before bonding. Failure to do so results in solvent entrapment, leading to possible delamination.
- A fresh coat of adhesive is recommended if substrates are not bonded beyond the open time.
- Once adhesive is ready, align surfaces and bond lightly, applying firm pressure from centre of panel towards the edge carefully, avoiding any air entrapments during the process.
- Apply roller pressure after this process to ensure both surfaces are completely bonded.

LIMITATION

- Not suitable for bonding PP (Polypropylene), PE (Polyethylene), Teflon, Silicone and expanded polystyrene foam. For all other substrates, ensure sufficient trials are conducted before using commercially.
- Not recommended for bonded parts intended for permanent submersion in water.
- Not recommended for exterior use.

IMPORTANT NOTE

- Contains volatile solvents. Keep container tightly sealed when not in use.
- Store product in designated areas with proper firefighting apparatus.
- Do not expose product to high heat and open flame.
- Do not attempt to dilute adhesive.
- Refer to SDS for proper handling and safety instructions prior to using this product.

COMPLIANCE AND QUALITY

RoHS statements and Safety Data Sheets for this product are available on request. Contact the MightyLoc team and we will send the current documents.

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