

BEACON ADHESIVES

125 MacQuesten Pkwy South
Mount Vernon NY 10550

MAGNA-TAC BM-16

Type: Compounded Neoprene Flammable Brush Contact Cement

Technical Data:

Solvent:	Blend of hydrocarbons and ketones	
Viscosity	Cps	550+- 50
Solids	%	18.5 +- 2
Density	Lbs./gallon	6.2
Minimum Use Temperature		60° F
Freeze Thaw	5 cycles	No
Stable		
Storage Life @ 70°F		1 Year
Color		Natural

Coverage: Up to 200 sq. ft./gal., depending on application and porosity of materials to be bonded.

Characteristics: An excellent general purpose, brush grade contact bond adhesive designed for excellent application properties (easy coat and roll), fast dry, high tack, long open time, and outstanding combinability. It has been specifically formulated for use in bonding a wide variety of materials, including, but not limited to, decorative laminates, metals (not copper), plywood, particleboard, polyurethane foam and rigid plastics. It provides easy and uniform coverage in all types and sizes of operations. Its high tack plus excellent combinability and green strength provides uniform high strength bonds under a wide variety of laminating conditions.

Features:

- Excellent general-purpose adhesion to a wide variety of substrates.
- Long "open tack" – permits flexibility in production.
- Aggressive grab with high green strength.
- Excellent long-term bond performance.
- Good heat resistance.
- Outstanding resistance to static stress.
- Bonds are resistant to humidity, water, oil, and aliphatic solvent.
- Excellent application properties – rolls, coats smooth and easy.

Directions for use: Stir adhesive well before using.
Surfaces to be bonded must be free from moisture, dirt, grease, oil, rust, or other contaminants.
Normally applied to both surfaces at a rate of 3.0 dry grams of adhesive per square foot of each surface.
Can be applied by brush, paint roller, notched trowel, roller coater, or curtain coater. Brushes should be firm, 2-4 inch wide, animal hair or other solvent resistant material. Rollers should be short nap, mohair type, phenolic core. Extremely porous surfaces such as plywood and rough end grain will always require at least two coatings of adhesive.

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BONDING INFORMATION:

Allow the adhesive to dry until entire coated area is still tacky but does not transfer to the touch. Dry time is longer at high humidity, heavy

coating or low temperature conditions and shorter when force dried using ovens, lamps, etc.

An indication that sufficient adhesive has been applied is to look at reflected light off of the coated dry surface. Contact adhesives dry,

under normal conditions, to a high gloss surface. If the coating does not have a high gloss, it is a strong indicator that insufficient adhesive

has been applied to obtain a strong, permanent bond and an additional coat should be applied.

It is advisable to make bonds as soon as the adhesive is dry, however, bonds made up to an hour after dry will be just as strong as those

made immediately after dry.

Position pieces carefully, since a strong bond is made instantly upon contact.

Use sufficient pressure to insure complete mating of the substrates. A nip roll or rotary press is ideal, using as much pressure as possible without crushing the substrates. Minimum recommended pressure would be that applied using a J roller.

Laminates can be trimmed, cut, filed, or otherwise machined immediately after bonding.

NOTE: COPPER AND ITS ALLOYS SHOULD NOT BE USED TO TRANSFER OR CONTAIN ANY CONTACT BOND ADHESIVE.

NOTE: DO NOT LAMINATE COPPER WITH THIS ADHESIVE.

CAUTION: LIQUID AND VAPOR EXTREMELY FLAMMABLE.

VAPORS MAY CAUSE FLASH FIRE. VAPORS HARMFUL.

READ PRECAUTIONS OR CONTAINER BEFORE USING.

READ AND UNDERSTAND MSDS BEFORE USING.