



TECHNICAL DATA

MANUS-BOND 501A

GENERAL PURPOSE SKINNING BUTYL

1. PRODUCT DESCRIPTION

Manus-Bond 501A is formulated with a blend of the strongest and most flexible synthetic polymers. Manus-Bond 501A has excellent adhesion to aluminum, steel, wood, glass, masonry, many plastics and cement. With superior weather resistance and sealing properties, Manus Bond 501A retains its flexibility for years. Conforms to the requirements of Federal Specification TT-S-01657. USDA accepted.

2. TECHNICAL DATA:

Viscosity (Spindle T-F @ 2.5rpm)	450,000—550,000 cps million cps
VOC Content (via EPA Method 24)	106 grams/liter
Shore A Hardness	30-35
Tensile Strength	125 psi
Boeing Flow (ASTM D2202)	Nil
Specific Gravity (ASTM D1475)	1.20-1.25
Complete Cure	7-10 days at 72°F
Bubble Formation *48 hours at standard conditions followed by 72 hours at 122°F	No bubbles formed
Tenacity *24 hours at standard conditions, 16 hours at 158°F, 8 hours at -10°F with 180° bend on 1/4" mandrell	Pass
Vehicle Migration *180°F for 14 days	Pass
Adhesion (ASTM C794)	Excellent
Service Temperature	-20°F to 180°F
Non-Staining	Non-staining when used as recommended
Water Resistance (AAMA 808)	No voids, cracks, separation, or breakdown of the compound after water exposure

3. COLORS

White, Gray, Black. Other colors available upon request

4. PACKAGING

10.1 & 28 fl.oz. cartridges. 10 and 20 fl.oz. sausage packs. 1, 5, & 55 gallon containers.

5. STORAGE LIFE

For maximum shelf-life, store unopened product at or below 80°F

12 months minimum in unopened containers.

6. PAINTING

Cured 501A may be painted with most industrial & commercial paints. Laboratory or field testing is recommended.

7. APPLICATION

Surfaces must be clean, dry and free of dust or other foreign matter. Some applications may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended.

8. PRECAUTIONS

CAUTION: COMBUSTIBLE LIQUID & VAPOR. Contains mineral spirits. Keep away from heat and flame. Avoid skin contact. Wash thoroughly after handling. Avoid breathing vapor. Use with adequate ventilation. Do not take internally. See MSDS for additional information. Keep out of reach of children.

8. LIMITED WARRANTY:

Any goods prove defective will be replaced or the purchase price refunded. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks of the product's use, handling and storage.

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