



Stabond Corporation
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DESCRIPTION

STABOND E-183 is a general-purpose adhesive suitable for bonding wood, eps board, cork, metal, fiberglass and many other substrates. The adhesive is particularly useful in bonding expanded polystyrene and Styrofoam to themselves and to other surfaces, because the special blend of solvents and resins will not attack the substrates when sprayed. Adhesive applied to expanded polystyrene surfaces must be completely dry before assembly because any residual solvent trapped in the glue line will cause solvent attack on aging.

PROPERTIES

TYPE:	SYNTHETIC ELASTOMER	SHELF LIFE:	6 MONTHS
COLOR:	RED, NATURAL	THINNER:	STABOND T-THINNER
SOLIDS:	26%	VISCOSITY:	180 CPS
COVERAGE:	120 SQ. FT. /GALLON	BONDING RANGE:	5-45 MINUTES
WT/GAL:	6.4 lbs	HEAT RESISTANCE:	≥ 180 °F

APPLICATION

All surfaces to be bonded must be free of oil, grease, dirt and mold release agents. For optimum strength spray or brush a uniform film on both surfaces and allow the solvent to evaporate 5-15 minutes before bonding. Press surfaces together and apply pressure with a roller or press. Adjust line pressure to 70-100 psi and pot pressure to 10-20 psi. Suggested spray equipment or equivalent:

HAND GUN:	BINKS #18 WITH 66SD AIR CAP, 63-C FLUID TIP AND 63-A NEEDLE DEVILBISS JGA-502, MB-4039-45 AIR CAP, AV-601FF FLUID TIP AND JG-402FF NEEDLE; OR AV-601FX AIR CAP AND JG-402FX NEEDLE
AUTOMATIC:	BINKS #61 WITH 66SD AIR CAP, 63-C FLUID TIP AND 463-A NEEDLE DeVilbiss AGB-501 with same spray assembly as JG-502 (above)

STORAGE

For maximum shelf life, store material in cool dry area and keep container tightly sealed. Storage temperature of 60°-80°F. is recommended. Lower storage temperature will cause a temporary increase in viscosity. Rotate stock on a "First in First out" basis. For optimum results agitate adhesive prior to use.

DANGER

Extremely flammable. Toxic. Vapors may ignite explosively. Provide fresh air cross ventilation to prevent build-up of vapors. Keep away from heat, sparks and from open flame. Do not smoke. Extinguish all flames and pilot lights and turn off all non-explosion proof electrical equipment and sources of ignition during use and until vapors are dissipated. Avoid prolonged or repeated breathing of vapors. Close container after use. Contains aliphatic hydrocarbons. **KEEP OUT OF REACH OF CHILDREN.** Harmful or fatal if swallowed. If swallowed do not induce vomiting, seek immediate medical attention. THOROUGHLY READ THE SDS FOR THIS PRODUCT PRIOR TO USING IT.

IMPORTANT

Suggestions for the use of this product are based on tests believed to be reliable; however, the user should determine suitability for the intended use by his own evaluation. Because the use of the material is beyond our control, neither the seller nor the manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising out of the use or inability to use this product. Seller and manufacturer's sole obligation shall be replacement of material proved to be defective.