

## Abatron WoodEpo<sup>®</sup> Wood Replacement Compound

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

### Material Notes:

WoodEpo<sup>®</sup> is a shrink-free adhesive putty wood replacement compound that can be used in any thickness in structural and decorative applications to replace, repair, extend, or fill wood and materials. WoodEpo<sup>®</sup> is ideal for repairing, replacing, or adding to wood and most rigid surfaces, as well as to dried out, rotted, or spongy wood consolidated with LiquidWood<sup>®</sup>. It can be used on windowsills, thresholds, window and door frames, columns, stair steps, balustrades, floors, capitals, moldings, doors, shutters, indoor and outdoor furniture, statues, archaeological and art restoration. WoodEpo<sup>®</sup> bonds permanently with high strength to most surfaces. It fills cracks, holes, and voids of any size without the shrinking and crumbling of common wood fillers. It can replace or add missing or new sections in window frames and sills, furniture, sculptures, structural and decorative components, indoors and outdoors. Because of its strength and durability, it can be a permanent solution. WoodEpo<sup>®</sup> succeeds because it can be painted, stained, wood-grained, sawed, nailed, planed, sanded, carved, and machined like wood. It can be cast into shapes and sculpted by hand before hardening. It can also be carved after hardening. It bonds equally well to ceramics, concrete, metal, glass, fiberglass, and most rigid surfaces. It contains no VOC's or noxious odors. It has a light, neutral color than can be changed, while mixing with stains, dyes, or pigments. It has a no slump paste consistency that allows it to be applied like a putty to fill gaps, holes, or to build-up virtually any thickness and shape. Contents ? WoodEpo<sup>®</sup> is a light-weight epoxy adhesive system consisting of 2 components: resin paste (A) and hardener paste (B). When A and B are mixed in equal volumes, the blend hardens within 1-2 hours into a light-weight, non-shrinking, tough adhesive mass with high dimensional stability, chemical, water, heat, and weather resistance. 100% solids. 1/1 ratio. 20 minute pot life.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Abatron-WoodEpo-Wood-Replacement-Compound.php](http://www.lookpolymers.com/polymer_Abatron-WoodEpo-Wood-Replacement-Compound.php)

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	
Volatile Organic Compounds (VOC) Content	0.00 g/l	0.00 g/l	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	53 - 55	53 - 55	
Tensile Strength at Break	17.2 MPa	2500 psi	
Elongation at Break	4.0 %	4.0 %	
Compressive Strength	15.9 - 19.3 MPa	2300 - 2800 psi	

Processing Properties	Metric	English	Comments
Pot Life	20 min	20 min	

Descriptive Properties	Value	Comments
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Hardening Time (min) Descriptive Properties	60-120 Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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