

MINWAX® Technical Data Sheet
MINWAX® HIGH PERFORMANCE WOOD FILLER

DESCRIPTION:

Handles the complete range of wood filling needs from minor nicks and cracks to large-scale repairs and restoration. Super tough and durable and will survive the most extreme conditions. Weather, water and rot resistant. Provides a smooth, solid, permanent repair.

RECOMMENDED USE:

Designed for fixing split, damaged or rotted wood indoors or out. Very effective as a wood adhesive – also great for anchoring screws or securing loose joints in furniture.

APPLICATION NOTES:

- 1) **PREPARE** – Area must be clean, dry, and free from paint, varnish, dirt, grease and oil. If dealing with rotted or soft wood, remove loose material and apply Minwax High Performance Wood Hardener, which strengthens wood fibers and provides a sound base for filling.
- 2) **MIX** – only as much as can be used in 15 minutes. Scoop a golf ball size amount of filler into plastic lid and squeeze in one thin 3/4" long line of hardener from the tube. Mix thoroughly and apply.
- 3) **APPLY** -- the mixed paste immediately to the area to be repaired. Spread on a thin layer followed by sufficient product to fill the gap. **Slightly** over fill to allow for sanding down. Work quickly as the mixture remains workable for about 10 minutes at room temperature. Hardening time will be longer in lower temperatures and faster in higher temperatures.
- 4) **FINISH** -- the job after 20 minutes. The repair is hard enough to carve and shape using a sharp modeling knife. After 30 minutes sand it, plane it, or file it. The hardened Wood Filler may be painted or stained. If painting over the Wood Filler we recommend using a primer first.

NOTE: No wood filler when stained will exactly match the color of the original wood. Test first on a hidden section of the wood to assure closest match.

Read all label directions and cautions carefully before use.

STAIN TIPS:

- 1) Lightly sand before applying stain (no finer than 100 grit). Over sanding tends to close pores.
- 2) Stain right after filler hardens (30 minutes).
- 3) Dab stain on filler (thick coat), allowing it to remain on surface for at least an hour before wiping off excess. For a darker coat repeat the process.

CLEANUP/STORAGE:

Close container after each use. Store in original container. Keep away from heat, sparks, open flame or other sources of ignition. **KEEP OUT OF REACH OF CHILDEN.**

SAFETY:

***Read all label directions and cautions carefully before use*.**

Wood Filler:

WARNING! COMBUSTIBLE! VAPOR HARMFUL. IRRITANT. KEEP OUT OF REACH OF CHILDREN.

CAUTION: COMBUSTIBLE MIXTURE. DO NOT USE NEAR FIRE OR FLAME. Contains polyester resin. Vapor Harmful. Irritant. Harmful if swallowed. Keep away from heat, sparks, open flame or other sources of ignition. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes and skin. Wear safety glasses and rubber gloves. Do not take internally. Keep container closed when not in use. **FIRST AID: IF SWALLOWED:** Do not induce vomiting. Call physician immediately. **FOR SKIN CONTACT:** Wash thoroughly with soap and water. If irritation persists, get medical attention. **FOR EYE CONTACT:** Immediately flush eyes thoroughly with water, then remove any contact lenses. Continue to flush eyes with water for at least 15 minutes. If irritation persists, get medical attention. **IF AFFECTED BY INHALATION:** Immediately remove to fresh air. If symptoms persist, call physician.

Wood Hardener:

WARNING: Contains Benzoyl Peroxide. Irritant. May be injurious to eyes. Avoid contact with eyes and skin. Wear safety glasses and rubber gloves. Harmful if swallowed. Do not take internally. Store in cool place away from heat, sunlight or sources of ignition. **KEEP OUT OF REACH OF CHILDREN.**

FIRST AID: IN CASE OF EYE CONTACT: flush with plenty of water for fifteen minutes and get prompt medical attention. **IN CASE OF SKIN CONTACT:** wash thoroughly with soap and water. **IF SWALLOWED,** induce vomiting and CALL PHYSICIAN IMMEDIATELY.

PHYSICAL PROPERTIES:

		Testing method:
Resin type:	Polyester	
Solvent:	Styrene	
Odor:	Sharp	
Cure Time:	20 minutes	
Specific Gravity:	1.9	ASTM D 1475-85
% Solids:	88%	ASTM D 2369-86
Viscosity:	400M – 450M cps	ASTM D 2196-86