

Supporting Information for:

Thiol-Containing Polymeric Embedding Materials

for Nanoskiving

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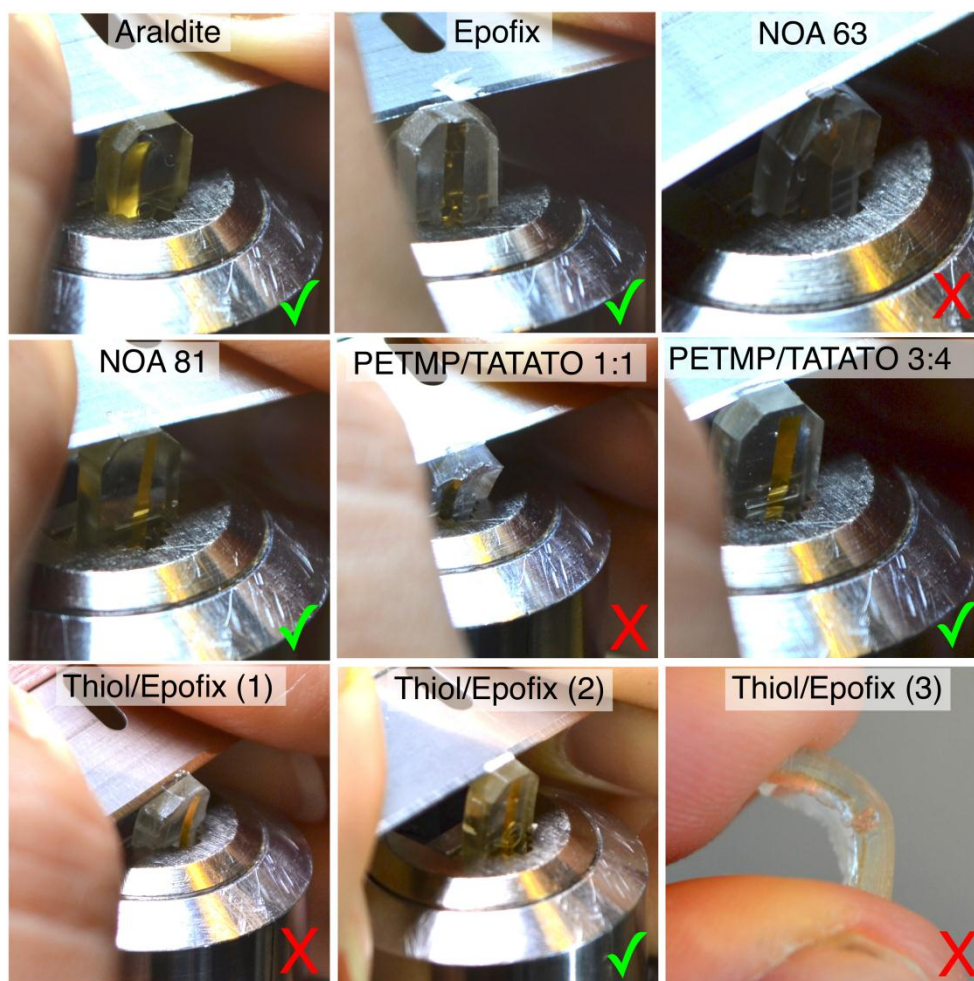


Figure S1. Photographs of the blocks of the different embedding resins being trimmed with a razor blade prior to sectioning. The photographs marked with a red X indicate blocks that could not be trimmed because the polymers were too soft, causing the block to deform, and/or the stress induced by the razor blade caused macroscopic adhesive failure—i.e., the block fell apart. The photographs marked with a green check indicate blocks that could be trimmed, but not necessarily sectioned. Three different blocks of thiol/Epofix are pictured, highlighting the block-to-block variability; one block (bottom-left) was too soft to be trimmed, one (bottom-center) could be trimmed (but was not sectioned), and one (bottom-right) was too flexible to be mounted for trimming.

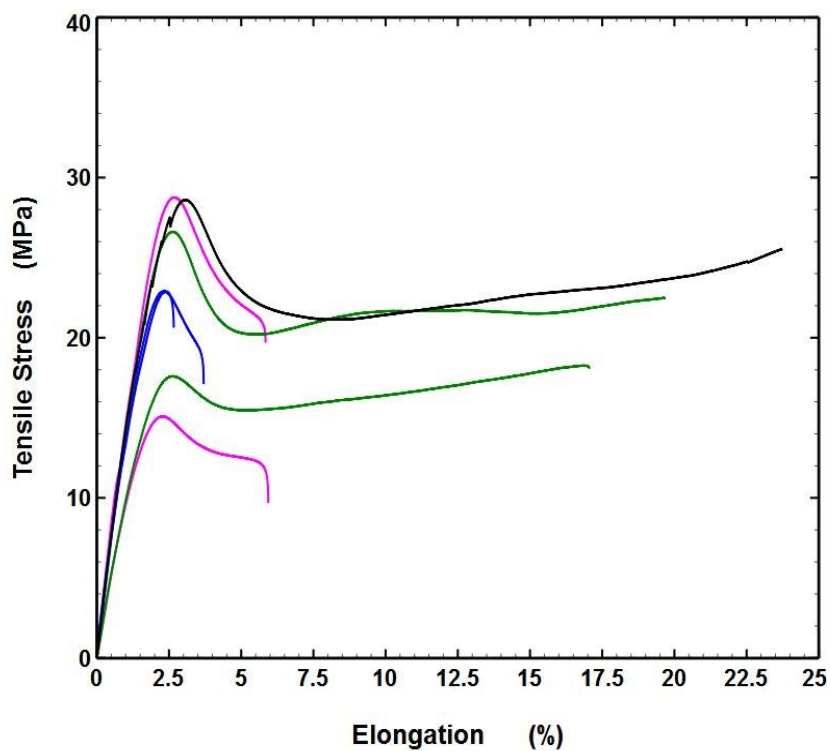


Figure S2: Variations in stress-strain behavior for 1:1 PETMP/TATATO. The colors indicate tensile test samples that were made from the same starting batch of material. Variability is seen both within batches and between batches.