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(54) Title: HIGH PERFORMANCE RESIN FOR ABRASIVE PRODUCTS

(57) **Abstract:** An abrasive product includes a plurality of abrasive particles and a resin cured with a polythiol group. A method of preparing the abrasive product includes contacting the plurality of abrasive particles with a curable composition that includes a resin and a polythiol group, and curing the curable composition to produce the abrasive product. A method of abrading a work surface includes applying an abrasive product to a work surface in an abrading motion to remove a portion of the work surface. A curable composition includes a formaldehyde resin and a polythiol group. A formaldehyde resin is crosslinked by a polythiol group. A method of crosslinking the formaldehyde resin includes reacting the polythiol group with the formaldehyde resin.

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