252. COMPOSITIONS,

103

(PAPER)

Examiner

Patented Sept. 15, 1925.

1,553,724

hydrogen peroxide
sodium percarbonate
sodium percarbonate

UNITED STATES PATENT OFFICE.

ALFRED SHETZLEY, OF CANTON, OHIO.

VARNISH-REMOVER COMPOSITION.

No Drawing. Application filed December 12, 1924. Serial No. 755,558.

To all whom it may concern:

Be it known that I, ALFRED SHETZLEY, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented a certain new and useful Varnish-Remover Composition, of which the following is a specification.

This invention relates to varnish removers and more particularly to a composition for this purpose that is harmless, odorless, efficient and a non-explosive. The remover is best adapted for use on interior woodwork, such as floors, trim and furniture, and does not require neutralizing of the treated surface before re-varnishing.

The varnish remover is cheap to manufacture, clean and safe in use and will not clog a sponge or steel-wool and it can be removed without scraping.

The varnish remover is put up for the market in dry powder form in packages ready for instant use by merely adding boiling water sufficient to dissolve.

The invention consists in the following ingredients, combined in substantially the proportions stated, viz; sodium percarbonate, 98 parts; sodium peroxide, 1½ parts; water, sufficient to dissolve.

The sodium percarbonate and sodium peroxide are mixed thoroughly, in the proportion stated, in an ordinary rotary mixer, or otherwise, and then the boiling water, sufficient to thoroughly dissolve the mixture, is added. I prefer to prepare one pound of the chemical compound and to dissolve the same in 1½ gallons of boiling water, as the sodium peroxide modifies and improves the action of the sodium percarbonate, checking detrimental action of the caustic soda formed after decomposition of the per salts. The boiling water imparts heat to the compound and renders solvent the varnish film. A further function of the sodium peroxide is its action as a bleaching agent upon the wood, preventing discoloration after removal of the varnish. This proportion of boiling water and compound will give excellent results.

The mixture is now ready for instant application and while hot it is applied with a brush, broom, mop or sponge to the varnished surface. This application renders the varnish solvent so that at the expiration of about 20 minutes it can be readily removed or sponged off with an ordinary sponge or steel-wool and tepid water without a trace of the sticky, gummy mess encountered through the use of ordinary removers.

What is claimed is:—

A liquid varnish remover composed of sodium percarbonate in the proportion of 98 parts, sodium peroxide in the proportion of 1½ parts, dissolved in boiling water.

In testimony that I claim the foregoing as my own I have hereto affixed my signature.

ALFRED SHETZLEY.