



GUM ROSIN

Rosin (also known as colophony) is a solid resinous material obtained from the oleoresin (tree sap) of live pine trees (called *gum rosin*), the stump wood of dead pine trees by solvent extraction (called *wood rosin*), and in the pulp paper recovery process (called *tall oil rosin*). The rosin is used directly in the manufacturing of adhesives, inks, rubber compounds, paints & coatings, etc., or modified as *resins* to give more specific characteristics to the rosin to improve or change their stability, aging, color, tackiness, and so forth to be used in the above-mentioned products.

Below is a summary of the various FDA-approved uses for rosin.

FDA STATUS

Gum Rosin (color grades X, WW, WG, N, M, and K) are cleared by the U.S. Food and Drug Administration for use in food-packaging and processing operations as specified in the U.S. Code of Federal Regulations, Title 21, under the following Sections:

175.105 *	Adhesives
175.125(b)	Pressure-sensitive adhesives
175.300	Resinous and polymeric coatings
175.320	Resinous and polymeric coatings for polyolefin films
175.390	Zinc-silicon dioxide matrix coatings
176.170	Components of paper and paperboard in contact with aqueous and fatty foods
176.180	Components of paper and paperboard in contact with dry food
176.200	Defoaming agents used in coatings
176.210 *	Defoaming agents used in the manufacture of paper and paperboard
177.1200	Cellophane
177.1210	Closures with sealing gaskets for food containers
177.2600 *	Rubber articles intended for repeated use
178.3120	Animal glue
178.3800	Preservatives for wood
178.3850	Reinforced wax
178.3870	Rosins and rosin derivatives

* No color limitation specified.

PRODUCT SAFETY

A Material Safety Data Sheet should be obtained prior to use of these products.