## **Chewing Gum**

Chewing gum base is made from the rosin of trees such as spruce. Chewing gum may also be artificially flavored with peppermint and spearmint, which also come from tree chemicals.



## **Cellophane Tape**

Cellophanes come from chemicals that are a by-product of wood pulping during the papermaking process. They are used in making such products as tape and wrap.



## **Dishwashing Detergent**

Detergents as well as many soaps and shampoos are made from fatty acids derived from wood. The lemon scent of some detergents and furniture polishes comes from pine turpentine processing.



#### **Paint**

Many paints, varnishes and other surface coatings contain rosin, a by-product of the pine pulping process, which acts as a drying agent. Rosin is also used in printing inks, soaps, detergents and adhesives.



#### **Soft Drinks**

Many citrus-flavored soft drinks contain chemicals from trees called esters. The esters, which come from wood rosin, act as a weighing agent and assure an even distribution of citrus flavors.



## Vanilla Flavoring

Artificial vanilla flavoring is made from lignin, the natural glue that holds the wood together. Other products made from lignin are ceramics, cleaning compounds and laundry anti-cling agents.



## **Baby Food**

Torula yeast is a high-protein product made from wood sugars recovered during papermaking and used in many baby foods and baked goods.



#### Glue

Many glues and adhesives are made from hard resins, a natural sticky substance that comes from trees.



#### Lotion

# Many lotions contain stearic acids that are produced during the papermaking process.



#### Cinnamon

Cinnamon is made from the bark of the laurel tree which grows in India and Sri Lanka. Sticks of cinnamon are produced by cutting the bark off young saplings.



#### **Hot Chocolate**

Instant hot chocolate contains cellulose the main building block of wood. This form of cellulose acts as a thickening agent.



# **Hair Spray**

Hair spray is made from tree resins, which are sticky liquid substances found in trees. Resins usually harden when exposed to air.



# **Maple Syrup**

To make syrup, sap is collected from the sugar maple tree by pushing a hollow tube through the dead bark to the sap layer. The sap is then boiled until only the syrup remains. Yum!



#### Cork

Cork is the bark of a cork oak tree. Every 8 to 10 years the outer bark of the trunk is stripped away and the layer underneath grows into new bark.



### Crayons

The waxy part of crayons comes from the leaves of the carnauba palm tree.



# **Fabric Dye**

Some tree extracts can be used to dye fabric. For example, the North American black oak is a source of yellow dye.



# **Toothpaste**

Cellulose gum, a natural product from wood, act as a binder and gives toothpaste its creamy texture.



#### **Nail Polish**

Nail polish and other paints contain a mixture of cellulose from wood pulp. They can also contain resin, a natural substance secreted by plants.



#### **Fabric Softener**

Fabric softener sheets are a paper product formed from tree cellulose, the building block of wood.

