



Distributed By: J.H. CALO, DIVISION OF  
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## RESIN H

### PARTIALLY HYDROGENATED GUM ROSIN

RESIN H is a low-color, thermoplastic resin made of partially hydrogenated gum rosin. Its hydrogenation process gives Resin H outstanding properties such as exceptional pale color, oxidation and aging resistance. It is widely used as raw material for the manufacture of synthetic resins, metal resins and other products, obtaining higher qualities than using unhydrogenated gum, tall oil, or wood rosin.

#### PRODUCT SPECIFICATIONS:

Acid Number.....158 Min.  
Softening Point (Ring & Ball).....73-78°C (163-172°F)  
Color G'33 (50% in Toluene).....6 Max.  
Gardner Viscosity at 25°C (77°F) (60% in Toluene).....A-D

#### TYPICAL PROPERTIES:

Acid Number.....160  
Softening Point (Ring & Ball).....76°C (169°F)  
Color G'33 (50% in Toluene).....5  
Gardner Viscosity at 25°C (77°F) (60% in Toluene).....B  
Specific Gravity 20°C (68°F).....1.05  
% Ash......009  
% Abietic acid.....3.0 Max.

#### COMPATIBILITIES / SOLUBILITIES:

RESIN H is compatible in useful proportions with alkyds, natural and synthetic rubbers, natural resins, ethylcellulose, nitrocellulose, waxes, many plastic polymers, elastomeric polymers, metallic pigments, and many other raw materials.

Soluble in ketones, esters, hydrocarbons, chlorinated solvents. Insoluble in water.

#### TYPICAL USES:

RESIN H is used in the manufacture of synthetic resins, metallic resins, adhesives, coatings and in the processing of natural, synthetic and recycled rubber.



#### **AVAILABLE FORMS:**

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Solid in galvanized (light-gauge metal) drums (225 kg., 496 lbs., net weight), or fiber drums (182 kgs., 401 lbs., net weight). ). Pellets in mutiwall kraft paper bags (22.7 kgs. or 50 lbs. net weight).

#### **PRODUCT SAFETY:**

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A Material Safety Data Sheet should be obtained prior to the use of this product.

#### **STORAGE AND INVENTORY CONTROLS**

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If material is stored near heat sources or outside warehouses in hot weather places, it may fuse, lump or block. Oldest material should always be used first. It should be kept away from humidity and air currents. Storage of open bags is not recommended. Control of inventory must be observed at all times.

#### **FDA STATUS:**

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RESIN H complies with the requirements of the FDA (U.S. Food and Drug Administration) to be used in contact with food, food-packaging and food- processing operations, in title 21.

This information and suggestions herein are based upon our experience and data believed to be reliable. No warranty or guarantee is made as to accuracy or completeness. It is the user's responsibility to determine the suitability and completeness of this information for the particular use. Since application conditions are beyond our control, we can not guarantee results.