



the art and science of smart patch testing™

**HD480 – pyrogallol**

**CAS#: 87-66-1**

### **Patient Information**

Your patch test results indicate that you have a contact allergy to pyrogallol. This contact allergy may cause your skin to react when it is exposed to this substance although it may take several days for the symptoms to appear. Typical symptoms include redness, swelling, itching and fluid-filled blisters.

### **Where is pyrogallol found?**

Pyrogallol is used as a photographic developer and as an etching agent to treat wood. It is also found in some tars. Pyrogallol was also used as a developing agent in black-and-white developers, but its use is largely historical except for special purpose applications. Pyrogallol is not likely to be used as a modern hair dye due to the suspected toxicity of the compound; however, it may still be found in some hair colorants and dyes of suturing materials and for oxygen absorption in gas analysis. It is reported to cross react with Resorcin

### **How can you avoid contact with pyrogallol?**

Avoid products that list any of the following names in the ingredients:

- |                                  |                        |
|----------------------------------|------------------------|
| ■ 1,2,3-Benzenetriol             | ■ CCRIS 1940           |
| ■ CI 76515                       | ■ CI 76515             |
| ■ Pyrogallic acid                | ■ CI Oxidation Base 32 |
| ■ Pyrogallol                     | ■ EINECS 201-762-9     |
| ■ Pyrogallol [NF X]              | ■ Fouramine Brown AP   |
| ■ 1,2,3-Benzenetriol             | ■ Fourrine 85          |
| ■ 1,2,3-Trihydroxybenzen [Czech] | ■ Fourrine PG          |
| ■ 1,2,3-Trihydroxybenzene        | ■ HSDB 794             |
| ■ BRN 0907431                    | ■ NSC 5035             |
| ■ Benzene, 1,2,3-trihydroxy-     | ■ Pyro                 |
| ■ C.I. Oxidation Base 32         | ■ Pyrogallic acid      |

### **What are some products that may contain pyrogallol?**

#### **Dyes**

#### **Etching Agents**

#### **Photography (Developer)**

## Tar Compounds

For additional information about products that might contain **pyrogallol**, go to the Household Product Database online (<http://householdproducts.nlm.nih.gov>) at the United States National Library of Medicine. These lists are brief and provide just a few examples. They are not comprehensive. Product formulations also change frequently. Read product labels carefully and talk to your doctor if you have any questions. These are general guidelines. Talk to your doctor for more specific instructions.