



the art and science of smart patch testing™

## **DM224: Ethyleneglycol-dimethacrylate**

### **CAS#: 97-90-5**

### **Patient Information**

Your patch test results indicate that you have a contact allergy to ethyleneglycol-dimethacrylate. 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 ethyleneglycol-dimethacrylate found?**

Ethyleneglycol-dimethacrylate (EGDMA) is an acrylic resin monomer often used in dentistry, its polymer being a component of provisional and permanent dental prothesis. Polymerization is obtained through kneading the powdered monomer in the hands with a specific liquid. It is also found in antifreeze and coolants, hydraulic fluids, and in the manufacture of low-freezing resins.

### **How can you avoid contact with ethyleneglycol-dimethacrylate?**

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

- 1,2-Bis(methacryloyloxy)ethane
- 1,2-Ethanediy 2-methyl-2-propenoate
- 2-Propenoic acid, 2-methyl-, 1,2-ethanediy ester
- 4-02-00-01532 (Beilstein Handbook Reference)
- Ageflex EGDM
- BRN 1776663
- CCRIS 179
- Diglycol dimethacrylate
- EINECS 202-617-2
- Ethanediol dimethacrylate
- Ethyldiol metacrylate
- Ethyldiol methacrylate
- Ethylene dimethacrylate
- Ethylene glycol bis(methacrylate)
- Ethylene glycol dimethacrylate
- Ethylene methacrylate
- Ethylenedimethacrylate
- Glycol dimethacrylate
- HSDB 5313
- Methacrylic acid ethylene ester
- NSC 24166
- SR 206
- Sartomer SR 206

### **What are some products that may contain ethyleneglycol-dimethacrylate?**

#### **Auto Fluids**

#### **Dental Products**

For additional information about products that might contain **ethyleneglycol-dimethacrylate**, 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.