



the art and science of smart patch testing™

DM212: 2-hydroxy-ethylacrylate

CAS#: 818-61-1

Patient Information

Your patch test results indicate that you have a contact allergy to 2-hydroxy-ethylacrylate. 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 2-hydroxy-ethylacrylate found?

Polymers produced from the 2-hydroxyethyl acrylate monomer are used in surgery/veterinary medicine to seal wounds or construct scaffolds for tissue growth. The polymers themselves are essentially inert (unreactive). 2-hydroxyethyl acrylate is used to form resins and polymers, which have uses in a wide variety of applications. These include pressure sensitive adhesives and coatings for plastics, emulsion polymers, additives for personal care products, resins, thermo-setting paints and a variety of medical applications such as acrylic bone cement and composite dental materials.

How can you avoid contact with 2-hydroxy-ethylacrylate?

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

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| ■ 2-(Acryloyloxy)ethanol | ■ BRN 0969853 |
| ■ 2-Hydroxyethyl acrylate | ■ Bisomer 2HEA |
| ■ 2-Hydroxyethylester kyseliny akrylove | ■ CCRIS 3431 |
| ■ 2-Hydroxyethylester kyseliny akrylove [Czech] | ■ EINECS 212-454-9 |
| ■ 2-Propenoic acid, 2-hydroxyethyl ester | ■ Ethylene glycol, acrylate |
| ■ 4-02-00-01469 (Beilstein Handbook Reference) | ■ Ethylene glycol, monoacrylate |
| ■ Acrylic acid 2-hydroxyethyl ester | ■ HEA |
| | ■ HSDB 1123 |
| | ■ Hydroxyethyl acrylate |

What are some products that may contain 2-hydroxy-ethylacrylate?

Auto Fluids

Dental Products

Paints

For additional information about products that might contain **2-hydroxy-ethylacrylate**, 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.