



the art and science of smart patch testing™

DM220: Bisphenol A

CAS#: 80-05-7

Patient Information

Your patch test results indicate that you have a contact allergy to bisphenol A. 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 bisphenol A found?

BPA is widely used in the manufacture of many consumer plastic products. The food industry uses BPA when manufacturing the epoxy resins that coat cans and polycarbonate bottles intended to hold foods and beverages. Bisphenol A also is found in some children's toys, plastic tableware and infant bottles. The release of industrial and household wastes into the environment also exposes humans to BPA. Some dental sealants, and to a lesser extent dental composites, may contain BPA. Although BPA is rarely used as a formula ingredient in dental products it may be a product of the degradation of the material in the oral cavity.

How can you avoid contact with bisphenol A?

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

- 2,2-(4,4'-Dihydroxydiphenyl)propane
- 2,2-Bis(4-hydroxyphenyl)propane
- 2,2-Bis(hydroxyphenyl)propane
- 2,2-Bis(p-hydroxyphenyl)propane
- 2,2-Bis-4'-hydroxyfenylpropan
- 2,2-Bis-4'-hydroxyfenylpropan [Czech]
- 2,2-Di(4-hydroxyphenyl)propane
- 2,2-Di(4-phenylol)propane
- 4,4'-(1-Methylethylidene)bisphenol
- 4,4'-Bisphenol A
- 4,4'-Dihydroxydiphenyl-2,2-propane
- 4,4'-Dihydroxydiphenyldimethylmethane
- 4,4'-Dihydroxydiphenylpropane
- 4,4'-Isopropylidene diphenol
- 4,4'-Isopropylidenebisphenol
- 4,4'-Isopropylidenediphenol
- 4-06-00-06717 (Beilstein Handbook Reference)
- AI3-04009
- BRN 1107700
- Biphenol A
- Bis(4-hydroxyphenyl)
- Dimethylmethane
- Bis(4-hydroxyphenyl)dimethylmethane
- Bis(4-hydroxyphenyl)propane
- Bisferol A
- Bisferol A [Czech]
- Bisphenol
- Bisphenol A
- Bisphenol-A
- CCRIS 95
- DIAN
- Diano
- Dimethyl bis(p-hydroxyphenyl)methane
- Dimethylbis(p-hydroxyphenyl)methane
- Dimethylmethylene-p,p'-diphenol
- Diphenylolpropane

- EINECS 201-245-8
- HSDB 513
- Ipognox 88
- Isopropylidenebis(4-hydroxybenzene)
- NCI-C50635
- NSC 1767
- Parabis A
- Phenol, (1-methylethylidene)bis-
- Phenol, 4,4'-(1-methylethylidene)bis-
- Phenol, 4,4'-dimethylmethylenedi-
- Phenol, 4,4'-isopropylidenedi-
- Pluracol 245
- Propane, 2,2-bis(p-hydroxyphenyl)-
- Rikabanol
- Ucar bisphenol A
- Ucar bisphenol HP
- beta,beta'-Bis(p-hydroxyphenyl)propane
- beta-Di-p-hydroxyphenylpropane
- p,p'-Bisphenol A
- p,p'-Dihydroxydiphenyldimethylmethane
- p,p'-Dihydroxydiphenylpropane
- p,p'-Isopropylidenebisphenol
- p,p'-Isopropylidenediphenol

What are some products that may contain bisphenol A?

Baby Products

Bottles

Dental Products

Fillings

Household Products:

- Ardex P-MC Hardener (Part A & B) (Ardex Moisture Control System)
- Ardex S 2-K High Performance Two-Component Waterproofing Compound
- Ardex S-MC Hardener (Part A & B) (Ardex Moisture Control System)
- CX Concrete Primer-Part A Resin
- Duro Epoxy Putty Sealant
- Duro Metal/Concrete Epoxy
- Evercoat Everfix Resin/Hardener
- Loctite 190501 Adhesive
- Loctite Extra Time Epoxy
- Loctite Quick Set Epoxy
- Loctite Quickset Epoxy Pouch Resin & Hardener
- Oatey Epoxy Putty
- Radio Shack Epoxy Strips
- Zinc It Electric Grade Lubricant

Sealants

For additional information about products that might contain **bisphenol A**, 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.

