

## Allergy to Paratertiarybutylphenolformaldehyde resin (PTBPF resin)

### What am I allergic to?

You have been found to be allergic to **Paratertiarybutylphenolformaldehyde resin**.

### What is Paratertiarybutylphenolformaldehyde resin?

Paratertiarybutylphenolformaldehyde resin is a synthetic polymer used as an adhesive. It adheres quickly, is durable and pliable, water resistant and cures slowly at room temperature. It is often combined with leather or rubber to make shoes, handbags, watch straps, hats and belts.

### What must I avoid?

If you work with glue that contains PTBPF resin you should change to one that doesn't contain it, or wear gloves. You should also tell your dentist about your allergy because PTBPF may be present in bonding materials.

### Where can Paratertiarybutylphenolformaldehyde resin be found?

Paratertiarybutylphenolformaldehyde resin is used by:

- Cobblers
- Manufacturers of leather or rubber goods with adhesives
- Dental personnel (used for bonding)
- Plywood and box makers
- Insulation workers
- Car manufacturers (used as a sealant, brake liner and in motor oils)
- Photographers (film developers)
- Industrial cleaners (disinfectants, deodorants and insecticides)
- Printers (inks and papers)
- Other industrial processes

Sources in the home include (but are not limited to):

- Shoes, especially trainers
- Handbags
- Hats
- Belts
- Watch straps
- Leather prostheses
- DIY woodwork (one-component glues)
- DIY ceramic work

Clarks and K-Shoes will provide a list of PTBPF-free shoes (write to: Fitting Services Manager, Clarks Ltd, STREET, Somerset BA16 0YA).

Dermatology  
Date of publication: October 2009  
Date for review: October 2010  
© Bedford Hospital NHS Trust