**ST168: N-isopropyl-N'-phenyl-p-phenylenediamine (IPPD)**

**CAS#: 101-72-4**

### Patient Information

Your patch test result indicates that you have a contact allergy to N-isopropyl-N'-phenyl-p-phenylenediamine (IPPD). 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 N-isopropyl-N'-phenyl-p-phenylenediamine (IPPD) found?**

IPPD is used as an antioxidant in the rubber industry.

**How can you avoid contact with N-isopropyl-N'-phenyl-p-phenylenediamine (IPPD)?**

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

- 1,4-Benzenediamine, N-(1-methylethyl)-N'-phenyl- 
- 4-13-00-00115 (Beilstein Handbook Reference) 
- 4-Anilino-N-isopropylaniline 
- 4-Isopropylaminodiphenylamine 
- 4010 NA 
- 4010NA 
- ASM 4010MA 
- ASM 4010ma 
- Antigen 3c 
- Antigene 3C 
- Antioxidant 4010 NA 
- Antioxidant 4010NA 
- Antioxidant 40NA 
- Antioxidant IP 
- BRN 2213195 
- CCRIS 4833 
- Cyzone 
- Cyzone IP 
- Diapen FP 
- Diaphen FP 
- EINECS 202-969-7 
- Elastozone 34 
- Flexzone 3C 
- HSDB 5342 
- IPPD 
- Ipognox 44 
- N-2-Propyl-N'-phenyl-p-Phenylenediamine 
- N-Fenyl-N'-isopropyl-p-fenylendiamin 
- N-Fenyl-N'-isopropyl-p-fenylendiamin [Czech] 
- N-Isopropyl-N'-fenyl-p-fenylendiamin 
- N-Isopropyl-N'-fenyl-p-fenylendiamin [Czech] 
- N-Isopropyl-N'-phenyl-p-phenylenediamine 
- N-Isopropyl-N'-phenyl-para-phenylenediamine 
- N-Phenyl-N'-isopropyl-1,4-phenylenediamine 
- N-Phenyl-N'-isopropyl-p-phenylenediamine 
- NA 4010
What are some products that may contain N-isopropyl-N'-phenyl-p-phenylenediamine (IPPD)?

Rubber products

*For additional information about products that might contain N-isopropyl-N'-phenyl-p-phenylenediamine (IPPD), 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.