Your patch testing results indicate that you have a contact allergy to **N-isopropyl-N-phenyl-4-phenylenediamine**. It is important that you familiarize yourself with this chemical and take steps to avoid coming in contact with it.

**What is N-isopropyl-N-phenyl-4-phenylenediamine and where is it found?**

This chemical is used in the protection of rubber against oxidation and flex-cracking. It can be found in gloves, shoes, as well as some lubricating oils and greases. Further research may identify additional product or industrial usages of this chemical.

**What else is N-isopropyl-N-phenyl-4-phenylenediamine called?**

This chemical can be identified by different names, including:

- 1,4-Benzene diamine, N-(1-methylethyl)-N'-phenyl-4-(isopropylamino)diphenylamine
- Akrochem Antioxidant PD1
- ANTO H
- Cyzone
- Elastozone 34
- Flexone 3C
- IPPD
- Isopropyl 0 PPD
- N-1(methylethyl)-N-phenyl-
- N-phenyl-N'-isopropyl-
- Nonox za
- 1,4-benzenediamine
- N-2-propyl-N'-phenyl-p-
- phenylenediamine
- N-phenyl-N'-isopropyl-p-
- phenylenediamine
- N-isopropyl-N'-phenyl-p-
- phenylenediamine
- Permanex IPPD
- Santoflex
- phenylenediamine
- Vulkanox 4010 na

This may not be a complete list as manufacturers introduce and delete chemicals from their product lines.

**THINGS YOU CAN DO TO HELP MANAGE YOUR CONTACT ALLERGY**

- **Be vigilant ... read the product label.** Always take the time to read the ingredient listing on product packages. This should be your first step each time you purchase a product as manufacturers sometimes change product ingredients. If you have any concerns ask your pharmacist or your doctor.

- **Test the product first.** If you have purchased a new product you should test it on a small skin area to see if you get a reaction before using the product on larger skin areas.

- **Advise people you obtain services from of your contact allergy.** This should include people like your pharmacist, doctor, hairdresser, florist, veterinarian, etc.

- **Inform your employer if the source of your contact allergy is work related.** You should identify the specific source of the chemical and take the necessary steps to avoid further exposure. Protective wear may be adequate or you may need to make a change in your work activities. Both you and your employer benefit when the cause of your occupational dermatitis is eliminated.

- **“Google” it.** The internet is an excellent source of ingredient information that can be searched by product, by company and by specific chemical. Some helpful independent internet links include:
  - [www.cosmeticsinfo.org](http://www.cosmeticsinfo.org) (Cosmetic Industry Category Ingredient Database)
  - [www.whatsinsidesjohnson.com](http://www.whatsinsidesjohnson.com) (information on all S.C. Johnson product ingredients)

If you have any future contact dermatitis concerns or questions, please call the doctor’s office.