



## PATIENT INFORMATION SHEET

### N-Isopropyl-N-phenyl-4-phenylenediamine (IPPD)

(I-004)

Your patch testing results indicate that you have a contact allergy to **N-Isopropyl-N-phenyl-4-phenylenediamine (IPPD)**. 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 (IPPD)** 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 (IPPD)** called?

This chemical can be identified by different names, including:

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

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.nlm.nih.gov/pubs/factsheets/factsheets.html](http://www.nlm.nih.gov/pubs/factsheets/factsheets.html) (U.S. Dept. of Health and Human Services; alphabetic list) [www.nlm.nih.gov/pubs/factsheets/factssubj.html](http://www.nlm.nih.gov/pubs/factsheets/factssubj.html) (U.S. Dept. of Health and Human Services; subject list) [www.cosmeticsinfo.org](http://www.cosmeticsinfo.org) (Cosmetic Industry Category Ingredient Database) [www.whatsinsidescjohanson.com](http://www.whatsinsidescjohanson.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.

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