

Black Rubber Mix

(MX-04)

Your patch testing results indicate that you have a contact allergy to one or more chemicals in the **Black Rubber Mix**. It is important that you familiarize yourself with these chemicals and take steps to avoid coming in contact with them.

**What is Black Rubber Mix and where can the chemicals be found?**

The chemicals in **Black Rubber Mix** are:

- **-N-Cyclohexyl-N-phenyl-4-phenylenediamine (Article Number C-024):** Used as an anti-degradant in natural rubber, styrene-butadiene and chloroprene rubber. Also known as CPPD.
- **-N,N'-Diphenyl-p-phenylenediamine (Article Number D-024):** Used as anti-degradant for nitrile-butadiene rubber, natural, styrene-butadiene, isprene, butadiene, and chloroprene rubbers. Also known as DPPD.
- **-N-Isopropyl-N-phenyl-4-phenylenediamine (Article Number I-004):** An anti-degradant in natural rubber, styrene-butadiene, nitrile-butadiene, butadiene and chloroprene rubber. Also known as IPPD.

These chemicals are used to make rubber products such as tires, sporting equipment, shoes, etc. appear black/dark gray. They may be found in the rubber parts of products used in sports equipment, personal products and in the office and healthcare fields. Be aware of any products you may come in contact with that have or use rubber components. This may not be a complete list of product categories where these chemicals are used.

**IMPORTANT NOTES**

- (1) Specific Patient Information Sheets are available (by Article Number) for each of the chemicals in the Mix.
- (2) Based upon your patch test readings your Doctor may consider further testing to confirm which of the Mix ingredients are causing your allergy.

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 (U.S. Dept. of Health and Human Services; alphabetic list)
 - www.nlm.nih.gov/pubs/factsheets/factssubj.html (U.S. Dept. of Health and Human Services; subject list)
 - www.cosmeticsinfo.org (Cosmetic Industry Category Ingredient Database)
 - www.whatsinsidescjohnson.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.