



PATIENT INFORMATION LEAFLET: N-isopropyl-N-phenyl-4-PPD

Your patch test shows that you have a contact allergy to : N-isopropyl-N-phenyl-4-PPD (IPPD)

Synonym(s): IPPD, Akrochem, PD1 [SEP]ANTO "H" [SEP]Flexone 3C, Isopropyl 0 PPD, Permanex IPPD, Santoflex IP

Definition: N-isopropyl-N-phenyl-4-PPD is used as an antioxidant in the rubber industry for the protection of rubber against oxidation and flex-cracking. It is typically found in black or dark grey rubbers.

Use and occurrence:

- In automobile and bicycle tires, automobile bumpers
- In rubber gloves and boots
- In rubber elastic in underwear
- In protective masks (for example, diving goggles, oxygen masks)
- Basic ingredient in the manufacture of local anesthetics (ester type) and sulfa preparations
- In photographic developers
- Eyelash curlers
- Earphones, TV remotes and wristwatch bands
- Handles on walking sticks, lawnmowers, (motor)cycles, vacuum cleaners & escalator hand rails
- Orthopedic bandages
- Squash balls
- Milking machines

Remarks:

There are several IPPD related substances which may also cause an allergic reaction.

These include other "para" compounds like:

- Para-phenylenediamine
- Para-toluenediamine
- Para-aminobenzoic acid (PABA) in sun screens
- Para-aminosalicylic acid in plastic and rubber additives

And other compounds including:

- Sulphonamides: a systemic antibiotic
- Azo- and aniline dyes
- Diaminodiphenyl methane: rubber and plastic additives

Products made entirely of vinyl (PVC), plastic, silicone, polyurethane, polyethylene or acrylates without addition of N-isopropyl-N-phenyl-4-PPD should be safe to use.

Disclaimer: Always check your products as these lists can never be complete and ingredients change.