



## PATIENT INFORMATION LEAFLET: thiuram mix

### **Your patch test shows that you have a contact allergy to : thiuram mix**

**Definition:** Thiuram mix consists of a mixture of 4 different rubber substances and you are contact allergic to at least one of these. Name of substances included in thiuram mix:

tetramethylthiuram disulfide - TMTM

tetramethylthiuram monosulfide - TETD

tetraethylthiuram disulfide – TMTD, TMTDS

dipentamethylenethiuram disulfide - PTD

### **Use and occurrence:**

The substances in thiuram mix are used as accelerating agents in the manufacture of rubber. They are also used as fungicides in the agricultural setting, in animal repellents and as anticorrosive agents.

Below is a list of products in which these substances may be included. It can be used as a guideline for determining which products are potentially harmful and which you are to be extra careful with. Please note that the substances are not included in all variants of the products on the list.

Examples of products where substances included in the thiuram mix may occur:

- rubber gloves, rubber boots, rubber wrist bands, balls, tires, inner hoses, handles, car mats, key protection, insulation tape, sealing strips, gaskets, air mattresses, diving equipment, breathing masks, resins
- drugs (Antabuse)
- pesticides and anti-parasitic agents (Tenutex)
- antifungal agents in paints and glue

### **Remarks:**

Individuals allergic to thiuram mix should use plastic gloves instead of rubber gloves, shoes with leather or polyurethane soles instead of rubber soles, and clothing elasticated with elastane instead of rubber.

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