



the art and science of smart patch testing™

RC289: Thiuram mix [B]§

Patient Information

Your patch test result indicates that you have a contact allergy to thiuram mix [B]§. This contact allergy may cause your skin to react when it is exposed to this substance although it may take several days for the symptoms to appear. Typical symptoms include redness, swelling, itching, and fluid-filled blisters.

Where is thiuram mix [B]§ found?

Thiuram mix contains the following four substances: Tetramethylthiuram monosulfide, Disulfiram, Tetramethylthiuram disulfide, and Dipentamethylenethiuram disulfide. These substances are used as fungicides and pesticides, and in the manufacture of many rubber products. You are most likely to contact this substance when using, wearing, or handling natural or synthetic rubber products at work or at home.

How can you avoid contact with thiuram mix [B]§?

Avoid products that list any of the following names in the ingredients:

- Tetramethylthiuram monosulfide
- bis(dimethylthiocarbamoyl) sulfide
- tetramethylthiuram sulfide
- tetramethyldithiocarbamic acid anhydrosulfide
- sulfide,bis(dimethylthiocarbamoyl)
- Tetramethylthiuram disulfide
- Thiram
- bis(dimethyl thiocarbamoyl)disulfide
- tetramethylthioperoxydicarbonic diamide
- N,N'-(dithiodicarbonothioyl)bis(N-methylmethanamine)
- tetramethylthiocarbamoyldisulphide
- Disulfiram
- 1,1'-dithiobis(N,N-diethylthioformamide)
- bis(N,N-diethylthiocarbamoyl) disulfide
- tetraethylthiuram disulfide
- tetraethylthioperoxydicarbonic diamide
- Dipentamethylenethiuram disulfide
- disulfide,bis(1-piperidinylothioxomethyl)
- bis(pentamethylene)thiuram disulfide
- 1,1'-(dithiodicarbonothioyl)bis(piperidine)

What are some products that may contain thiuram mix [B]§?

Animal Repellent:

- Chew-Not™ Deer Repellant

Antabuse Medication for Alcoholism

Chemicals Used to Prevent Mildew or Mold

Fungicides and Pesticides

- Rootone with fungicide

Products Made with Natural Rubber, Butyl Rubber, Nitrile or Neoprene:

- adhesives
- anesthesia equipment
- aprons
- condoms and diaphragms
- cords
- dental dams
- ear and headphones
- erasers, mats, and utility gloves
- gloves
- goggles
- hoses
- insulation
- masks
- mats
- plugs
- racquet and club handles
- respirators
- rubber bands
- sheeting
- shoes/boots
- swimwear
- toys
- tubing
- utility gloves
- wetsuits

Seed Protectants:

- Vitavax® RS Flowable seed protectant

*For additional information about products that might contain **thiuram mix [B]S**, go to the Household Product Database online (<http://householdproducts.nlm.nih.gov>) at the United States National Library of Medicine. These lists are brief and provide just a few examples. They are not comprehensive. Product formulations also change frequently. Read product labels carefully and talk to your doctor if you have any questions. These are general guidelines. Talk to your doctor for more specific instructions.