

NA05: 2-Mercaptobenzothiazole

CAS#: 149-30-4

Patient Information

Your patch test result indicates that you have a contact allergy to 2-mercaptobenzothiazole. 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 mercaptobenzothiazole found?

You are most likely to contact mercaptobenzothiazole when using, wearing, or handling natural or synthetic rubber products at work or at home. Work shoes and athletic shoes are often made with rubber components that contain mercaptobenzothiazole or related substances. This substance may be used as anti-corrosion agent in cooling oils, drilling and cutting oils, antifreeze, and fungicides.

How can you avoid contact with mercaptobenzothiazole?

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

- 2(3H)-Benzothiazolethione
- 2-Benzothiazolinethione
- 2-MBT
- 2-Mercaptobenzthiazole
- Accel M
- Benzothiazole, mercapto-
- Benzothiazolethiol
- Dermacid
- Kaptaks
- MBT
- Mebithizol
- Mercaptobenzothiazole
- Mercaptobenzthiazole
- Nuodeb 84
- Pennac MBT powder
- Rokon
- Royal MBT
- Sulfadene
- USAF GY-3
- Vulkacit M
- Vulkacit mercapto/C
- 2-Benzothiazolethiol
- 2-Benzothiazolyl mercaptan
- 2-Mercaptobenzothiazole
- 2-Mercptobenzothiazole
- Accelerator M
- Benzothiazole-2-thione
- Captax
- Ekagom G
- Kaptax
- Mebetizole
- Mercaptobenzothiazol
- Mercaptobenzothiazole (VAN)
- Mertax
- Nuodex 84
- Pneumax MBT
- Rotax
- Soxinol M
- Thiotax
- USAF XR-29
- Vulkacit mercapto

What are some products that may contain mercaptobenzothiazole?

Products made with natural rubber, butyl rubber, nitrile or neoprene:

- Adhesives
- Aprons
- Cords
- Ear-and Headphones
- Gloves
- Hoses
- Masks
- Plugs
- Respirators
- Sheeting
- Swimwear
- Tubing
- Wetsuits
- Anesthesia Equipment
- Condoms and Diaphragms
- Dental Dams
- Erasers, Mats, and Utility Gloves
- Goggles
- Insulation
- Mats
- Racquet and Club Handles
- Rubber Bands
- Shoes/Boots
- Toys
- Utility Gloves

*For additional information about products that might contain **2-mercaptobenzothiazole**, go to the Household Product Database online (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.