



the art and science of smart patch testing™

RC266: 2-mercaptobenzimidazole CAS#: 583-39-1

Patient Information

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

2-mercaptobenzimidazole is found in the rubber industry. It is used in processing rubber products.

How can you avoid contact with 2-mercaptobenzimidazole?

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

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|----------------------------------|--------------------------------|
| ■ 1H-Benzimidazole-2-thiol | ■ Antioxidant MB [Czech] |
| ■ 2-Benzimidazolinethione | ■ Benzimidazolethiol |
| ■ 2-Benzimidazolinthion | ■ CCRIS 4837 |
| ■ 2-Benzimidazolinthion [Czech] | ■ EINECS 209-502-6 |
| ■ 2-Mercaptobenzimidazole | ■ Mercaptobenzimidazole |
| ■ 2-Mercaptobenzoimidazole | ■ Mercaptobenzoimidazole |
| ■ 2-Merkaptobenzimidazol | ■ Merkaptobenzimidazol |
| ■ 2-Merkaptobenzimidazol [Czech] | ■ Merkaptobenzimidazol [Czech] |
| ■ 2-Thiobenzimidazole | ■ NCI-C56268 |
| ■ 2-Thiol benzimidazole | ■ NCI-C60980 |
| ■ AI3-18633 | ■ NSC 186246 |
| ■ AOMB | ■ NSC 21414 |
| ■ ASM MB | ■ Permanax 21 |
| ■ Antiegene MB | ■ USAF EK-6540 |
| ■ Antigen MB | ■ USAF XF-21 |
| ■ Antigene MB | ■ o-Phenylenethiourea |
| ■ Antioxidant MB | |

What are some products that may contain 2-mercaptobenzimidazole? Rubber Products

*For additional information about products that might contain **2-mercaptobenzimidazole**, 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.

