



the art and science of smart patch testing™

RC277: Dodecyl mercaptan

Patient Information

Your patch test result indicates that you have a contact allergy to dodecyl mercaptan. 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 dodecyl mercaptan found?

Dodecyl mercaptan is found in the manufacturing process of styrene/butadiene latex for use in carpet and paper industries.

How can you avoid contact with dodecyl mercaptan?

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

- | | |
|--|-----------------------|
| ■ 1-Dodecyl mercaptan | ■ Lauryl mercaptan |
| ■ 1-Mercaptododecane | ■ Lauryl mercaptide |
| ■ 4-01-00-01851 (Beilstein Handbook Reference) | ■ M-Dodecyl mercaptan |
| ■ A13-07577 | ■ M-Lauryl mercaptan |
| ■ BRN 0969337 | ■ NCI-C60935 |
| ■ CCRIS 743 | ■ NSC 814 |
| ■ Dodecyl mercaptan | ■ Pennfloat M |
| ■ Dodecyl mercaptan (VAN) | ■ Pennfloat S |
| ■ EINECS 203-984-1 | ■ n-Dodecanethiol |
| ■ HSDB 1074 | ■ n-Dodecyl mercaptan |
| | ■ n-Lauryl mercaptan |

What are some products that may contain dodecyl mercaptan?

Carpet

Paper Products

Rubber Products

Styrene

*For additional information about products that might contain **dodecyl mercaptan**, 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.