You have shown a positive allergic reaction to **Carba Mixture**. You should avoid this substance. Information about this substance is below.

**What is it?**
Carba mix contains the following three allergens:
- Diphenylguanidine
- Zincdibutyldithiocarbamate (ZBC)
- Zincdiethyldithiocarbamate (ZDC)

Carba mix chemicals are used as accelerators in the manufacture of rubber products and in agricultural chemicals. Both natural and synthetic rubber may contain these agents.

**How do I avoid it?**
Skin contact with Carba mix is required for it to cause a rash. Discontinuation of exposure to products containing Carba mix should result in improvement and/or resolution of your dermatitis. By law, all products made in the US for topical use have the ingredients listed either on the product package or the box that contains it, so check the labeling. At work, request a material safety data sheet (MSDS) to help identify potential sources of exposure. It may be difficult to determine which rubber products contain Carba mix.

If you are allergic to carba and have foot dermatitis, it is probably due to your shoes. Avoid rubber insoles, rubber boots and rubber shoes such as sneakers and tennis shoes. You may wear all-leather shoes with no inner or outer sole, like moccasins. Molded plastic shoes or wooden clogs can be worn. If in doubt wear new shoes for a few days and watch for a rash. You should contact their local shoe stores and ask for U.S.-made, rubber-free shoes. If they cannot find such shoes, the insoles should be removed from leather shoes and insoles cut from piano felt, cork, and or plastic should be inserted. Sweating should be minimized, and socks that may have absorbed allergens should be discarded as this chemical does not wash out.

If you are allergic to carba and have hand dermatitis you should avoid rubber (latex) gloves and, if possible, wear vinyl gloves only. If rubber gloves must be worn, manufacturers should be contacted, to acquire carba-free gloves.

Inform your healthcare providers that you are allergic to carba mix chemicals.

**Uses:**
- Adhesives
- Anti-slip carpet backing
- Aprons
- Balloons
- Caulking
- Condoms and diaphragms
- Conveyor belts
- Dental dams
- Disinfectants, repellents, fungicides, and insecticides used in agriculture
- Earphones
- Electrical cords
- Erasers
- Garden hoses
- Gas masks
- Gloves (household, work or hospital)
- Heat stabilizer for polyethylene
- Heavy rubber products used in industry
- Leather shoes (insoles, adhesive, and linings)
- Lining for fuel tanks
- Mattresses
- Mats
- Medical devices
- Plugs
- Primary standard for acids
- Renal dialysis equipment
- Rubber accelerator for vulcanization
- Rubber bands
- Rubber cements
- Rubber in elasticized undergarments and clothing
- Rubber pillows and sheets
- Rubber sheeting
- Rubber shoes (sneakers, tennis shoes, etc.)
- Safety goggles
- Sealants
- Soaps and shampoo
- Shock absorbers
- Sealants
- Shock absorbers
- Slippers
- Sponge makeup applicators and rubber eyelash curlers
- Springs
- Stethoscopes
- Swim wear
- Tires
- Toys
Other names for Carba Mixture:
Carba mix content:
• Diphenylguanidine
• Zincdibutylthiocarbamate
• Zincdiethyldithiocarbamate

Common trade names
• Carbamate
• Carbanilate

1,3-Diphenylguanidine
• DPG™
• Sanceler™ D
• Nocceler™ D
• Soxinol® D

Zinc dibutylthiocarbamate
• ZBC™
• Butazin™
• Butyl zimate
• Nocceler™ BZ
• Soxinol® BZ
• Butazate®
• Butasan®

Zinc diethyldithiocarbamate
• ZDC™
• ZDEC™
• Ethazin™
• Ethasan™
• Nocceler™ EZ
• Soxinol® EZ
• Ethazate®
• Ethyl zimate

Potential cross-reacting/co-reacting substances:
• Thiuram derivatives
• Related carbamates
• Disulfiram (antabuse)
• Mercapto mix
• Mercaptobenzothiazole