

## Trimethylolpropane triacrylate

(T-021)

Your patch testing results indicate that you have a contact allergy to **Trimethylolpropane triacrylate**. It is important that you familiarize yourself with this chemical and take steps to avoid coming in contact with it.

**What is Trimethylolpropane triacrylate and where is it found?**

This chemical is used in the manufacture of coatings, inks and adhesives. It can be found in products such as compact discs, hardwood floors, dental polymers, automobile headlamps, UV-curable lithographic inks, varnishes, artificial nails and in plastic components for the medical industry. Further research may identify additional product or industrial usages of this chemical.

**What else is Trimethylolpropane triacrylate called?**

This chemical can be identified by different names, including:

*1,1,1-Trimethylol propane triacrylate*

*2-Propenoic acid 2-ethyl-2-[[[(1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester*

*2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate*

*C<sub>15</sub>H<sub>20</sub>O<sub>6</sub>*

*TMPTA*

This may not be a complete list as manufacturers introduce and delete chemicals from their product lines.

**THINGS YOU CAN DO TO HELP MANAGE YOUR CONTACT ALLERGY**

- ☒ **Be vigilant ... read the product label.** Always take the time to read the ingredient listing on product packages. This should be your first step *each* time you purchase a product as manufacturers sometimes change product ingredients. If you have any concerns ask your pharmacist or your doctor.
- ☒ **Test the product first.** If you have purchased a new product you should test it on a small skin area to see if you get a reaction before using the product on larger skin areas.
- ☒ **Advise people you obtain services from of your contact allergy.** This should include people like your pharmacist, doctor, hairdresser, florist, veterinarian, etc.
- ☒ **Inform your employer if the source of your contact allergy is work related.** You should identify the specific source of the chemical and take the necessary steps to avoid further exposure. Protective wear may be adequate or you may need to make a change in your work activities. Both you and your employer benefit when the cause of your occupational dermatitis is eliminated.
- ☒ **“Google” it.** The internet is an excellent source of ingredient information that can be searched by product, by company and by specific chemical. Some helpful independent internet links include:
  - www.nlm.nih.gov/pubs/factsheets/factsheets.html** (U.S. Dept. of Health and Human Services; alphabetic list)
  - www.nlm.nih.gov/pubs/factsheets/factsbj.html** (U.S. Dept. of Health and Human Services; subject list)
  - www.cosmeticsinfo.org** (Cosmetic Industry Category Ingredient Database)
  - www.whatsinsidescjohnson.com** (information on all S.C. Johnson product ingredients)

If you have any future contact dermatitis concerns or questions, please call the doctor's office.