



## Di-isodecyl Phthalate (DIDP)

### Why am I being warned about potential exposure to DIDP?



- DIDP is on the [Proposition 65](#) list because it can cause birth defects or other reproductive harm.
- Exposure to DIDP during pregnancy may affect the development of the child.
- Proposition 65 requires businesses to determine if they must provide a warning about exposures to [listed chemicals](#).

### What is DIDP?

- DIDP belongs to a family of chemicals called phthalates, which are added to some plastics to make them flexible.
- DIDP is used in various types of plastic consumer products, including:
  - ▶ Some polyvinyl chloride (PVC, vinyl) tubing, materials used in automobile interiors, garden hoses, raincoats, binders, storage cases, tile flooring, shower curtains, and bath mats.
- California law prohibits the manufacture, sale, or distribution of toys and child care articles intended for the use of a child under 3 years old, if that product can be placed in the child's mouth and it contains DIDP at levels greater than 0.1%. US law currently has a similar prohibition.

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### How does exposure to DIDP occur?

- DIDP can be gradually released from consumer products into indoor environments such as homes and cars. It settles on floors and other surfaces, and can accumulate in dust and air.
- During pregnancy, DIDP can pass from mother to baby.

Transferring DIDP from hands to mouth and swallowing

Breathing in DIDP present in air and dust

DIDP exposure

**How can I reduce my exposure to DIDP?**

- ❌ Avoid plastics known as polyvinyl chloride (PVC) or vinyl (with recycle code 3).
- ✓ Minimize exposure to dust, which can contain DIDP:
  - ▶ Wash your hands and your child's hands frequently, especially before preparing food and eating.
  - ▶ Clean floors regularly, using a wet mop if possible, or a vacuum with a high-efficiency particulate air (HEPA) filter.
  - ▶ Wipe up dust regularly, using a damp cloth.

**For more information:****Scientific Information on DIDP**

- US Department of Health and Human Services  
National Institute of Health (NIH), National Toxicology Program (NTP)
  - ▶ NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Di-Isodecyl Phthalate (DIDP)  
[https://ntp.niehs.nih.gov/ntp/ohat/phthalates/didp/didp\\_monograph\\_final.pdf](https://ntp.niehs.nih.gov/ntp/ohat/phthalates/didp/didp_monograph_final.pdf)
- National Institute of Health, National Library of Medicine (NIH-NLM)  
National Center for Biotechnology Information
  - ▶ Diisodecyl (2-ethylhexyl)phthalate (DIDP)  
[https://pubchem.ncbi.nlm.nih.gov/compound/diisodecyl\\_phthalate#section=Toxicity](https://pubchem.ncbi.nlm.nih.gov/compound/diisodecyl_phthalate#section=Toxicity)

**Proposition 65**

- California Environmental Protection Agency (CalEPA)  
Office of Environmental Health Hazard Assessment (OEHHA)
  - ▶ Proposition 65: Background  
<https://www.p65warnings.ca.gov/faq>
  - ▶ Proposition 65: The Chemical List  
<https://www.p65warnings.ca.gov/chemicals>