

Proposition 65 Warnings Office of Environmental Health Hazard Assessment www.P65Warnings.ca.gov



Formaldehyde

Why am I being warned about potential exposure to formaldehyde?



- Formaldehyde (gas) is on the <u>Proposition 65</u> list as a chemical that causes cancer.
- Exposure to formaldehyde can cause leukemia and cancers of the nose, throat, and sinuses.
- Proposition 65 requires businesses to determine if they must provide a warning about significant exposure to <u>listed chemicals</u>.

What is formaldehyde?

Formaldehyde is a colorless, flammable gas with a strong smell. It is released into the air from a variety of sources.

How does exposure to formaldehyde (gas) occur?

- Exposure occurs by breathing air that contains formaldehyde. Formaldehyde is released into the air from many sources, including:
 - Some Furniture Products: Items made with formaldehyde-containing resins, paints, lacquers, and other coatings.
 - <u>Composite Wood Products</u>: Particleboard, plywood, and fiberboard made with formaldehyde-containing resins, and used in furniture, cabinets, shelves, doors, and wall and <u>flooring materials</u>.
 - Building Materials and Certain Insulation Materials: Foam and fiberglass insulation.
 - Consumer Products: Some hair smoothing and straightening products.
 - Coatings for Some Furniture and Paper Products: Paints, lacquers, and finishes.
 - Permanent Press Fabrics: Clothing, linens, upholstery, and draperies.
 - Combustion Byproducts: Fuel burning appliances such as gas stoves and kerosene space heaters, wood burning stoves, and vehicle exhaust.
 - Tobacco Smoke and Cannabis (Marijuana) Smoke.

Formaldehyde is released from products, combustion sources, and tobacco smoke into the air

People breathe air that contains formaldehyde



- On not smoke. Do not allow children to breathe tobacco smoke and cannabis (marijuana) smoke.
- 8 Do not idle gasoline engines in vehicles and other gasoline-powered equipment.
- On ot use hair smoothing and straightening products that contain or release formaldehyde.
- Avoid wood products made with urea formaldehyde (UF) resins that do not carry a California Air Resources Board (CARB) Phase 2 Compliant label.

For more information:

General Fact Sheets and Resources

- US Environmental Protection Agency (US EPA)
 - Facts About Formaldehyde <u>https://www.epa.gov/formaldehyde/facts-about-</u> <u>formaldehyde#whatisformaldehyde</u>
- US Department of Health and Human Services (HHS) National Institutes of Health (NIH)
 - Formaldehyde and Cancer Risk <u>https://www.cancer.gov/about-cancer/causes-</u> prevention/risk/substances/formaldehyde/formaldehyde-fact-sheet

US Food and Drug Administration (FDA)

- Hair Smoothing Products That Release Formaldehyde When Heated <u>https://www.fda.gov/cosmetics/cosmetic-products/hair-smoothing-products-release-formaldehyde-when-heated</u>
- California Environmental Protection Agency (CalEPA)
 Office of Environmental Health Hazard Assessment (OEHHA)
 - Final Report on the Identification of Formaldehyde as a Toxic Air Contaminant <u>http://oehha.ca.gov/air/toxic_contaminants/html/Formaldehyde.htm</u>

Formaldehyde in Products

- California Environmental Protection Agency (CalEPA) California Air Resources Board (CARB)
 - Formaldehyde <u>http://www.arb.ca.gov/research/indoor/formaldehyde.htm</u>
 - Formaldehyde in the Home <u>http://www.arb.ca.gov/research/indoor/formaldgl08-04.pdf</u>
 - Composite Wood Products <u>http://www.arb.ca.gov/toxics/compwood/consumer_faq.pdf</u>
 - Flooring Made with Composite Wood Products <u>http://www.arb.ca.gov/html/fact_sheets/composite_wood_flooring_faq.pdf?ut_m_content=bufferdbfbf&utm_medium=social&utm_source=twitter.com&utm_c_ampaign=buffer</u>

- California Department of Public Health (CDPH)
 California Safe Cosmetics Program Occupational Health Branch
 - Q&A: Brazilian Blowout & Other Hair Smoothing Salon Treatments <u>https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/OHB/CSCP/CDPH%20</u> <u>Document%20Library/BrazilianBlowoutQA.pdf</u>
- New York State Department of Health, Center for Environmental Health
 - Consumer Health Alert: Hair Straightening Products and Formaldehyde <u>https://www.health.ny.gov/environmental/chemicals/formaldehyde/docs/consumer.pdf</u>

Proposition 65

- California Environmental Protection Agency (CalEPA) Office of Environmental Health Hazard Assessment (OEHHA)
 - Proposition 65: Background <u>https://www.p65warnings.ca.gov/faq</u>
 - Proposition 65: The List of Chemicals <u>https://www.p65warnings.ca.gov/chemicals</u>
 - Proposition 65: Fact Sheets <u>https://www.p65warnings.ca.gov/fact-sheets</u>