Summary of Health Effects
Tris (1,3-dichloro-2-propyl) phosphate (TDCPP) causes cancer in animals and may cause cancer in humans.

How is TDCPP used?
TDCPP is a common flame retardant in polyurethane foams in furniture.¹

Toxicity: What are its health effects?
TDCPP is considered a carcinogen by the state of California.²
TDCPP is metabolized (broken down) into other genotoxic and tumor-promoting compounds.³ In a two-year chronic exposure study on rats, TDCPP was found to significantly increase the incidence of malignant liver tumors.³

Exposure: How can a person come in contact with it?
A person can come in contact with TDCPP by breathing in contaminated air and dust, swallowing dust, or from skin contact with consumer products. Children may also be exposed to TDCPP through hand-to-mouth contact with house dust or other surfaces.⁴

In a house dust survey of 50 homes in Boston, TDCPP was detected in 96% of the homes.¹ In San Francisco, 16 homes were tested in 2006 and again in 2011. TDCPP was detected in all of the homes in both years.⁵

The 2014 National Health and Nutrition Examination Survey (NHANES) report did not include data for TDCPP.

Other Information
Vermont has banned the use of TDCPP above 0.1% by weight in children’s products and residential upholstered furniture.⁶

References
2. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment. *List of chemicals known to the state to cause cancer or reproductive toxicity.* Retrieved from oehha.ca.gov/proposition-65/proposition-65-list


