

Stopping the spread of take-home toxins

Workplace hazards shouldn't come home

Workers can unknowingly bring home hazardous substances on their clothes, shoes, skin, tools and vehicle interiors.

These hazardous substances are known as "take-home toxins".

Family members are vulnerable to these toxins, which can embed themselves in furniture and laundry, circulate through household air and be transmitted by person-to-person contact.

The Occupational Safety and Health Administration (OSHA) has standards¹ for preventing take-home occurrences and can impose stiff fines on employers who don't follow them.

The risks of take-home toxin exposure

Health impacts from bringing workplace hazards into the home can be temporary or permanent. In some cases, physical symptoms may arise many years after initial exposure.

- Animal waste
- Fiberglass
- Arsenic
- Infectious agents
- Asbestos
- Lead
- Beryllium
- Pesticides
- Cadmium
- Radioactive particles
- Dust



Asbestos

Prolonged exposure can cause asbestosis, mesothelioma and other asbestos-related injuries.

Industries
 Construction
 Manufacturing
 Mining
 Shipbuilding
 Thermal insulation
 Farming
 Roofing



Lead

Lead ingestion can cause physical and mental development problems in children. Can be fatal in high doses.

Industries
 Construction
 Renovation
 Manufacturing
 Mining
 Wholesale trade
 Transportation
 Smelting
 Welding



Pesticides

Studies have confirmed associations between early-life exposure to pesticides and pediatric cancers, impaired cognitive function and behavioral issues.

Industries
 Agriculture
 Pest control



Keep workplace toxins where they belong

Employers can help prevent the spread of take-home toxins by choosing the right protective garments for workers and requiring them to don and doff them on-site.

Employers in many industries trust protective garments made with DuPont™ Tyvek® fabric, which are:

- Soft
- Lightweight
- Durable
- Low linting
- Gamma stable
- Chemically and biologically inert

Spunbonded polypropylene fabric is a poor barrier against particles in the 1-2 micron range. By contrast, in Tyvek®, the barrier extends throughout the fabric and helps provide excellent protection against particles in the 1-2 micron range.

Tyvek® apparel's comfort-fit design improves worker mobility and makes garments easier to put on and take off. Available garments include coveralls and coveralls with respirator-fit hoods, as well as a variety of accessories, including hoods, sleeves and slip-resistant shoe covers.



DuPont™ SafeSPEC™—we're here to help

Our powerful web-based tool can assist you with finding the appropriate DuPont garments for chemical, controlled environment, thermal and mechanical hazards.



Certified Industrial Hygienist team

A DuPont Certified Industrial Hygienist can conduct a job hazard assessment to help you determine the best DuPont garment for a specific hazard.



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