

# 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 standards<sup>1</sup> 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
- Arsenic
- Asbestos
- Beryllium
- Cadmium
- Dust
- Fiberglass
- Infectious agents
- Lead
- Pesticides
- Radioactive particles



## 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

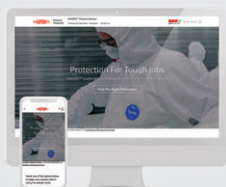
Employers can help prevent the spread of take-home toxins by choosing the right protective garments for workers and requiring them to don and doff them on-site.

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

- Soft
- Low linting
- Lightweight
- Gamma stable
- Durable
- 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.



## DuPont Personal Protection

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