

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 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
- Fiberglass
- Infectious agents
- Lead
- Pesticides
- Radioactive particles
- Silica



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®, 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™ SafeSPEC™

DuPont Personal Protection

1 800 931 3456

safespec.dupont.com

personalprotection.dupont.com



@DuPontPPE



DuPont™ Tyvek®



DuPont Personal Protection

This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience become available. It is the user's responsibility to determine the level of toxicity and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. This information is intended for use by persons having the technical expertise to undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first check that the garment selected is suitable for the intended use. The end-user should discontinue use of garment if fabric becomes torn, worn or punctured, to avoid potential chemical exposure. Since conditions of use are beyond our control, DUPONT MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. This information is not intended as a license to operate under or a recommendation to infringe any trademark, patent or technical information of DuPont or other persons covering any material or its use.

© 2022 DuPont. All rights reserved. DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.