

# Environmental services and remediation

Safety and compliance are critical



The world of environmental services and remediation is complex and ever-changing. There is increasing need for safe and effective environmental service support for communities and industries, including site remediation, industrial waste management and disposal, recycling and disaster response services. There is strong government oversight and focus on environmental protection with the expectation that industrial, military and commercial entities will manage their waste and mitigate associated risks swiftly and safely.

[The selection of personal protective equipment \(PPE\) is the responsibility of employers under the Occupational Safety and Health Administration standard OSHA 1910.132.](#)

At DuPont Personal Protection, we understand the value environmental companies place on protecting their employees and making sure they are armed with the correct type and amount of PPE to do the job.

## How can we help?

### Products



Largest portfolio of garments across the range of hazards, from dry particles to chemical warfare agents, with Level A and CR/FR options



Durable and breathable DuPont™ Tyvek® protective apparel



Unmatched chemical permeation database of results against our DuPont™ Tychem® fabrics



In compliance with regulatory standards: NFPA, ISO, ASTM, ANSI, ISEA and TAA/government

### People and services



Broad national and international distribution network and direct sales teams allow you to always find what you need



Training and support for selection of chemical-protective clothing



Certified Industrial Hygienist access/consultation regarding job hazards, chemical mixtures, complex scenarios and corresponding PPE selection



Self-service garment selection, permeation database access and product information using DuPont™ SafeSPEC™ and SafeSPEC™ mobile



Tyvek® Protective Apparel Recycling Program helps divert non-hazardous waste and extends the life of valuable materials into new applications



Task	Hazards	ProShield® 6 SFR <sup>1</sup>	ProShield® 60 <sup>2</sup>	Tyvek® 400 <sup>2</sup>	Tyvek® 600 <sup>2</sup>	Tyvek® 800 <sup>2</sup>	Tychem® 2000 <sup>2</sup>	Tychem® 2000 SFR <sup>1</sup>	Tychem® 4000	Tychem® 5000	Tychem® 6000	Tychem® 6000 FR	Tychem® 10000
Abatement/ remediation	Dry particle hazards & non-FR environment		✓	✓	✓	✓							
	Dry particle hazards & FR environment	✓											
	Light liquid chemical splash/spray (non-FR environment)				✓	✓	✓						
	Dry & liquid hazards & FR environment								✓			✓	
Industrial cleaning	Jet spray or pure chemical exposure, biological hazards				✓	✓	✓	✓	✓	✓	✓		
Waste handling, disposal, recycling	Dry particle hazards & non-FR environment		✓	✓	✓	✓	✓	✓					
	Dry & liquid hazards & FR environment							✓				✓	
	Biological hazards (ASTM 1670/1671)				✓	✓	✓	✓	✓	✓	✓	✓	
	Biological hazards (ISO 16603/16604)				✓	✓							
	Chemical exposure (various)							✓	✓	✓	✓	✓	✓
Incineration/ chemical neutralization	Chemical exposure (various)						✓	✓	✓	✓	✓	✓	✓
	Chemical & flame exposure							✓				✓	
Emergency response	Unknown situations (chemical & biological)									✓	✓	✓	✓

Comparison within the DuPont portfolio: ✓ Acceptable for use  
(Blank) Not recommended

**\*\*WARNING:** Tyvek®, ProShield®, and most Tychem® garments, including Tychem® 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem® 6000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield® 6 SFR and Tychem® 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flame-resistant garments, including but not limited to, Nomex® Essential (Nomex® IIIA) or Nomex® Comfort garments. In addition, for ProShield® 6 SFR and Tychem® 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem® 6000 FR, Tychem® 2000 SFR and ProShield® 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem® User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

<sup>1</sup>ProShield® 6 SFR and Tychem® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment and primary flame-resistant hood/balaclava in an environment that needs flame protection, along with other personal protective equipment that protects the wearer's face, hands and feet.

<sup>2</sup>Do not wear non-flame-resistant garments in potentially flammable or explosive environments. Instead, consider use of flame-resistant or secondary flame-resistant garments, which must be worn over primary flame-resistant garments.

Tyvek® 500, Tyvek® 600 and Tyvek® 800 might contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Garments produced after June 2023 do not contain rubber latex. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products and should also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139).

Garments should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur. Some Tychem® garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

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.

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