DuPont™ SafeSPEC™ Overview

DuPont Academy
Learning Objectives

- Provide an overview of DuPont™ SafeSPEC™ online product selector tool
- Highlight capabilities of the system
- Perform step-by-step practice scenarios
What is DuPont™ SafeSPEC™?

A Suite of Customer-Focused Product Selector Tools…

• Search by Brand/Fabric, Design, Seam, Certification, EPA/OSHA Designation
• Search by Hazard
• Search by Industry

A database for product support information…

• Dynamic Product Data and Accessories
• Literature & Videos
• Technical Information
• Chemical Resistance Database
• Where to Buy & Frequently Asked Questions (FAQs)

That allows the users to easily find the product(s) and information that they need.

Controlled Environments SafeSPEC™ - www.safespeccleanroom.dupont.com
Landing Page: www.safespec.dupont.com
DuPont™ SafeSPEC™ 2.0 Product Page Features

- **Easy access to ALL product information**
- **360° Image Rotation**
- **Videos**
- **Search by Style**
- **Contact Us**
- **Double-Check Feature**
- **Recently Viewed Block**
- **You May Also Be Interested In area**

**Product Description Information**

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Selector Tools... Search by Hazard

Don’t take a chance when it comes to protection. Find garments with confidence using SafeSPEC™ 2.0.

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Selector Tools… Search by Hazard
Allows search up to five chemical

**Type-ahead Feature**

**IDENTIFY YOUR HAZARDS**

You may enter from one to five chemicals or hazards that may be present in your working environment. Our tool will find the best product match for the combined hazards. Enter a single chemical or hazard if you wish to find the best possible product match for that one hazard.

- **Chemical or Other Hazard Name**
  - Hazardous Particles (larger than 0.3 micron in size)
  - Hazardous Particles (larger than 1 micron in size)
  - Non-Hazardous Particles (larger than 0.3 micron in size)
  - Non-Hazardous Particles (larger than 1 micron in size)
  - Radioactive particles

**CAUTION:** The hazards that you list for your hazard scenario must be used independently of each other in the work environment. This tool does not evaluate chemical reactions or have the ability to recognize multiple chemicals as ingredients in a chemical mixture. More >>

**Hazard**

- Hazardous Particles (larger than 1 micron in size)
- Unknown

**CAS**

- Unknown

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Selector Tools… Search by Industry

Don’t take a chance when it comes to protection.
Find garments with confidence using SafeSPEC™ 2.0.
Selector Tools… Search by Industry
Selector Tools… Use Guide and Save Your Scenario

Don’t take a chance when it comes to protection.
Find garments with confidence using SafeSPECT™ 2.0.

Hazard  Industry  Guide  My Scenarios
DuPont™ SafeSPEC™ 2.0 – Guide

What is Guide?

• Garment selector tool for situations where DuPont does not have permeation data for a specific hazard (typical of mixtures)
• The tool will guide the user through the garment selection process
• Based on ASTM F1186 and the guidance provided in OSHA’s Technical Manual

Who will use Guide?

• Everyone – Sales, Distributors, End-Users – However, only the end-user should be answering the questions as they relate to their unique set of conditions (i.e., their “hazard scenario”)
• The people who will value and like Guide the most are the people at the end-user level
DuPont™ SafeSPEC™ 2.0 – My Scenarios

What is My Scenarios?

• Personalized folder of saved results sets

Advantages of My Scenarios

• Allows the option of finding one garment for all of the user’s scenarios or a different garment for each of their scenarios (whichever makes the most sense)

• When a new product launches, in just one click, the user can see if the new product is suitable for a given scenario or not using “Double-check My Scenarios”
Practice Scenarios
Search by Hazard – Practice Scenario 1: Fiberglass and Dirt

Search hazards: Fiberglass and Dirt
FR: No
How much: Moderate
Direction: All directions
View Results
Search by Hazard – Practice Scenario 1: Fiberglass and Dirt

Hazard Exposure Product Result
Search by Hazard – Practice Scenario 1: Fiberglass and Dirt

Side-by-Side Comparison

Double-click on image to display product detail page.
Search by Hazard – Practice Scenario 1: Fiberglass and Dirt

Side by Side Comparison

DUPont™ SAFESPEC™ 2.0

TY127S WH
DuPont™ Tyvek®

FEATURES AND BENEFITS

Tyvek® garments are composed of flash spun high density polyethylene which creates a unique, nonwoven material available only from DuPont. Tyvek® provides an ideal balance of protection, durability and comfort of any limited use fabric technology. Tyvek® fabric offers an inherent barrier to small sized particles. Protection is built into the fabric itself, there are no films or laminates to attract or wear away. Tyvek® fabric’s durability advantage over microperforated film fabrics delivers consistently better barrier, even after wear and abrasion. Applications include: lead and asbestos abatement remediation, general maintenance operations, spray painting, general clean-up.

• Comfort fit design based on extensive wearer input to provide our most comfortable garment design that enables a greater range of movement while stretching and bending, provides a more tailored fit, offers reinforcement in high stress areas for fewer pinholes, utilizes a longer zipper for easier donning and doffing and an elastic waist to better pin down the garment.
• Attached respiratory hood with elastic around face opening, designed to cover neck and chin and fit around respirator face mask.
• Longer zipper extending to chin for complete coverage of neck area.
• Elastic opening for tighter fit at waist.
• Elastic opening for tighter fit at ankles.

Double-Check

TOOL
IS THIS GARMENT SUITABLE FOR YOUR HAZARD SCENARIO? DOUBLE-CHECK HERE.

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Double-Check Search by Hazard – Practice Scenario 2

Search hazards: Sulfuric acid, dirt & fiberglass
FR: No
How much: Moderate
Intensity: Spray
Duration: 4 hours
Direction: All directions
TY127S WH

DuPont™ Tyvek®

TY127S WH IS NOT SUITABLE FOR YOUR HAZARD SCENARIO

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Fabric</th>
<th>Seam</th>
<th>Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid</td>
<td>❌</td>
<td>❌</td>
<td>✔</td>
</tr>
<tr>
<td>Dirt (general)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Fiberglass</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

YOU MAY WANT TO CONSIDER

QC127T YL      QC127T GY      QC122T YL      SL127T WH      SL122T WH

DuPont™ Tychem® QC  DuPont™ Tychem® QC  DuPont™ Tychem® QC  DuPont™ Tychem® SL  DuPont™ Tychem® SL

For a general fabric overview, please view our hazards matrix. (PDF)
DuPont™ SafeSPEC™ 2.0 …. Summary

• Built on knowledge obtained from direct interactions with garment wearers and specifiers

• Provides in-depth product information and full-color garment images

• Ability to search up to 5 hazards at a time

• Designed for all users – experienced to novice

• Displays safety checks to remind users of additional hazards

• Uses one of the largest chemical resistance databases in the industry

• Free; no account sign-up necessary

• Accessible anytime and anywhere
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