



AMERICAN SOCIETY OF SAFETY PROFESSIONALS

Western Carolina Chapter

Technical Online Meeting – August 8, 2025 1pm to 2pm

Meeting minutes

President - meeting opening, attendance, and introduction of speaker:

- Attendees: Jason Land, Curtis Daniels, Matthew McDonald, Marcus Houston, Matthew Miller, Rick Kilpatrick and Greig Allen

Speaker – Matt Miller, QSSP – Regional Sales Manager with Dupont Personal Protection

- covering PPE portfolio, Value Props, and highlight new products. (presentation attached)

Chapter Business

Next week is Safe + Sound week. Shared NC proclamation from Governor Stein.

Share and highlight Chapter web page and easy access.

- About
- Events page
- Files
- Jobs

Eight-hour Hazwoper Training Class is August 19, 2025, at Hickory Airport in the Administration building. Cost is \$75 and includes lunch. Greig will send reminder to Chapter members reminding them of the training opportunity.

Discuss Carolina Star Conference booth preparation and still looking for volunteers on either Sept. 17 or 18th. Volunteers so far: Wednesday – Mike Ureta and Erika Sowers-tentative, Thursday: Greig Allen and Curtis Daniels. More to come. **Post meeting follow-up with Erika:** she has table covers. Waiting on order to arrive from ASSP with materials she ordered.

Region VI PDC conference – Myrtle Beach, SC September 17-19, 2025. Adam will be proxy for the ROC on Tuesday, September 16th representing the Chapter.

Chapter Operational Plan was sent Monday to President and due to ASSP on Friday, August 15th.

2025 to 2026 Chapter goals:

1. Member involvement – efforts in 2024-2025 showed a noticeable increase in participation towards the end of the chapter year. Continue with these efforts and make member involvement a priority.

2. Better communication with Chapter members by organizing activities in advance and continue to proactively send Chapter newsletters and updates encouraging chapter feedback along with member participation.
3. Identify and provide technical trainings during at least four Chapter meetings and continue efforts growing and providing a full day Annual Safety School in the spring of 2026.

«DUPONT»

Tyvek® **Forward
Together™**

DuPont Personal Protection ASSP Western Carolina Technical Meeting 8/8/25



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

Western Carolina Chapter

DuPont Confidential



Agenda

- Who is DuPont?
- Portfolio Review
- DuPont Value Props
- New Products

Who is DuPont?

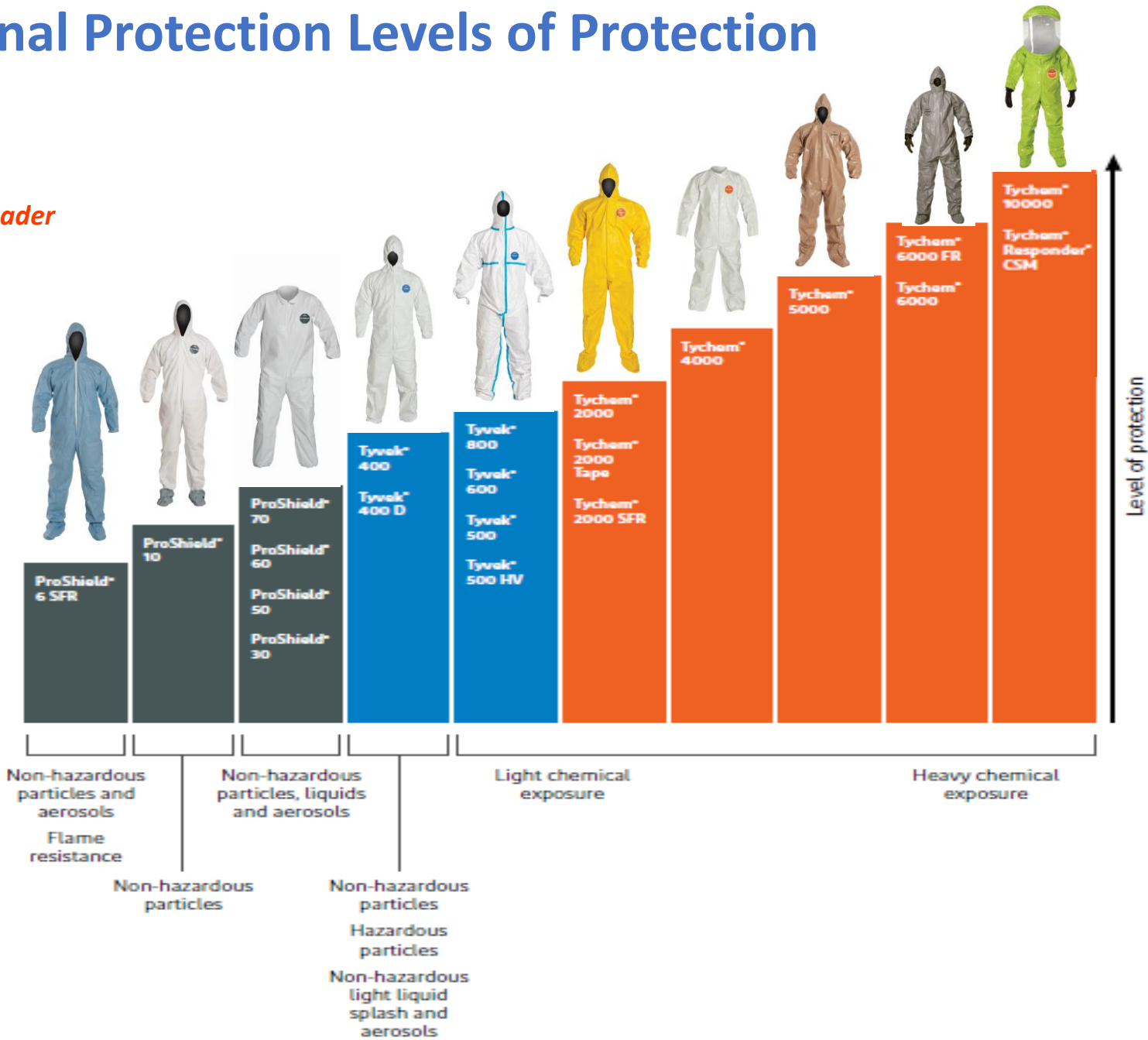


- Market leader in the disposable clothing category
- Brand Recognition
- Chemical Industrial and Controlled Environment Product Offerings



DuPont Personal Protection Levels of Protection

General guideline:
The higher the number, the broader the protection



ALL WHITE SUITS LOOK THE SAME...

But only One Suit makes a Real Difference!!!

DuPont™ Tyvek®

- An ideal balance of protection, durability & comfort
- Breathable inherent barrier protection
- Excellent abrasion resistance
- Comfort fit design allows for greater range of motion



> The DuPont Value Proposition

RISK AVOIDANCE AND REDUCTION

32 million workers (>20% of the U.S. workforce) are exposed to hazardous chemical products...

The costs for one worker exposed to a hazardous chemical causing second-degree burns can add up. Potential costs include hospital bills, worker compensation and disability claims.



ACHIEVING COMPLIANCE

DuPont Certified Industrial Hygienist (CIH) services can help guide your PPE decisions at no cost to you.

DuPont CIH services can help guide end users' PPE decisions, and may help streamline costs, improve worker safety and potentially minimize fires/injuries.



SELF-SERVICE

DuPont PPE selection made easy with SafeSPEC™.

The DuPont™ SafeSPEC™ online product selector tool is a valuable, self-service resource to provide fast guidance and help employers easily select their PPE garments. <https://www.dupont.com/safespec.html>



DuPont™ SafeSPEC™

SUSTAINABILITY

The DuPont Tyvek® Recycling Program offers an opportunity to recycle garments that would have been destined for the landfill.

The DuPont™ Tyvek® Recycling Program helps you meet your corporate solid waste-reduction goals while reducing overall waste to landfills and may help save you money on garbage removal.



> DVP – Resources to Help You Win

Tyvek® Garment Recycling Program

Recycling Program Summary

- Available for Tyvek® and **Tyvek® IsoClean®** garments
- Reduces overall waste to landfills
- Helps meet customer corporate solid waste reduction goals
- Extends the life of valuable materials into new applications
- Available ONLY to customers in the continental United States
- Minimum annual volume requirement
 - 3,000 pounds per site or about 300 cases of Tyvek® coveralls

Program Restriction Notes

- Tyvek® garments but ONLY those with P/N prefix “TY” or “IC”
- NO garments that have been exposed to hazardous materials
- NO shoe or boot covers with friction coating (FC), Gripper™ or PVC soles



> DuPont Resources – SafeSPEC™



Garment Selection Tool

- Online Product Catalog
- Job Hazard Assessment tool
- Chemical Permeation Database
- Available in desktop & mobile

Resource Center

www.dupont.safespec.com



Scan & Get the free
SafeSPEC™ Mobile App

Download Now

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> Resources to Help You Win

JHA & Certified Industrial Hygienists

What's the market need for the offering?

- A growing number of industrial companies do not have resident a CIH
- As a result, personal protective equipment is not optimized for the hazard or maximum productivity

Potential Benefits of the Job Hazard Assessment

- Customer's worker safety is improved
- Productivity is increased
- Cost savings are achieved through risk reduction and SKU standardization

How is the JHA done, and what is the Offering?

- A qualified CIH will conduct the assessment at the customer site and provide a no-charge confidential job hazard analysis of potential particulate and chemical hazards
 - Valued at ~ \$200 / hour
- Guidance will be provided on garment risk mitigation strategies that could increase worker safety and reduce costs



Mark Tartaglia, CIH, MSPH
(240) 401-5465
mark.tartaglia@dupont.com



Robert Spielvogel, CIH, CSP, MS
(617) 232-5369
robert.spielvogel@dupont.com



William Henderson, CIH, CSP, MBA
(617) 519-9354
william.Henderson@dupont.com

| Area / Unit Operation | Activity | Hazards / Exposure Scenario | Current PPE | Comments | Alternate PPE Considerations / Options |
|-----------------------|----------------------|--|--|--|--|
| Area 9 | Sampling | Frontal chemical spray/splash exposure to: > Ammonium hydroxide (50%) > Ammonium nitrite solution > Amonium carbonate solution > Sulfuric acid (93%) > Nitric acid (72%) > Hydroxylamine Disulfonate | > Work uniform w/ NASCO PetroLite (PU) jacket > Face shield & goggles > Hardhat; SSS; hearing protection > Chemical/Cut/Heat Gloves (Ansell AlphaTec 58-735) | > FR not required for area > Sample Point Configuration: o use sampling containment boxes > A sleeved apron may provide equal and adequate body protection > Tychem® 2000 SFR to PetroLite barrier material comparison: o equivalent penetration protection o no permeation data for PetroLite o thinner, lighter material o multiple-use, single exposure garment > Tychem® 4000/5000 have broader chemical permeation protection | Sleeved Apron: > Tychem® 4000 44" apron (SL275T) > Tychem® 4000 58" apron (SL278T) > Tychem® 2000 SFR 44" apron (QS275T) Jacket: > Tychem® 2000 SFR jacket (QS750T) > Tychem® 5000 jacket (C3670T) |
| | Acid enclosure entry | Chemical spray/splash exposure from all directions to: > Sulfuric acid (93%) > Nitric acid (72%) | > Work uniform w/ NASCO PetroLite (PU) or ONGUARD Chemtex (PVC) jacket/bib & chemical boots > Face shield & goggles > Hardhat; hearing protection > Chemical/Cut/Heat Gloves (Ansell AlphaTec 58-735) | > FR not required for area > Tychem® 2000 SFR to PetroLite barrier material comparison: o equivalent penetration protection o no permeation data for PetroLite o thinner, lighter material o multiple-use, single exposure garment > Tychem® 2000 SFR to Chemtex barrier material comparison: o no permeation or penetration data for Chemtex o thinner, lighter material o multiple-use, single exposure garment > Tychem® 5000 has broader chemical permeation protection | Jacket/Bib: > Tychem® 2000 SFR jacket/bib (QS750T) > Tychem® 5000 jacket/bib (C3750T) |
| Cobalt Catalyst | Screening | Exposure in all directions to cobalt oxide particles | > Work uniform w/ Tyvek® 400 coverall > Full-face APR; SSS; HH; hearing protection > Chemical/Cut/Heat Gloves (Showa 6784R-10) | > FR not required for area > Current PPE ensemble suitable for application | None |
| | Bowl wash | Frontal chemical spray/splash exposure to: > Hydrochloric acid (32%) > Nitric acid (72%) | > Work uniform w/ NASCO PetroLite (PU) jacket/bib > Face shield & SGs > Hardhat; SSS; hearing protection > Chemical/Cut/Heat Gloves (Showa 6784R-10) | > FR not required for area > A sleeved apron may provide adequate body protection > Tychem® 2000 SFR to PetroLite barrier material comparison: o equivalent penetration protection o no permeation data for PetroLite o thinner, lighter material o multiple-use, single exposure garment > Tychem® 4000/5000 have broader chemical permeation protection | Sleeved Apron: > Tychem® 4000 44" apron (SL275T) > Tychem® 4000 58" apron (SL278T) > Tychem® 2000 SFR 44" apron (QS275T) Jacket: > Tychem® 2000 SFR jacket (QS750T) > Tychem® 5000 jacket (C3670T) Jacket/Bib: > Tychem® 2000 SFR jacket/bib (QS750T) > Tychem® 5000 jacket/bib (C3750T) |
| | Tote pump-out | Frontal chemical spray/splash exposure to: > Nitric acid (72%) | > Work uniform w/ NASCO PetroLite (PU) jacket/bib > Face shield & SGs > Hardhat; SSS; hearing protection > Chemical/Cut/Heat Gloves (Showa 6784R-10) | > FR not required for area > A sleeved apron may provide adequate body protection > Tychem® 2000 SFR to PetroLite barrier material comparison: o equivalent penetration protection o no permeation data for PetroLite o thinner, lighter material o multiple-use, single exposure garment > Tychem® 4000/5000 have broader chemical permeation protection | Sleeved Apron: > Tychem® 4000 44" apron (SL275T) > Tychem® 4000 58" apron (SL278T) > Tychem® 2000 SFR 44" apron (QS275T) Jacket: > Tychem® 2000 SFR jacket (QS750T) > Tychem® 5000 jacket (C3670T) Jacket/Bib: > Tychem® 2000 SFR jacket/bib (QS750T) > Tychem® 5000 jacket/bib (C3750T) |

New Product: Tyvek® 400 SFR

Secondary flame resistance with the protection, durability and comfort of Tyvek®

- Lightweight disposable overgarment designed to help protect and preserve primary flame-resistant (FR) garments
- Composed of flash spun high density polyethylene breathable nonwoven Tyvek® fabric that has been flame-retardant treated, available only from DuPont
- For use over primary flame-resistant protective clothing
- Relaxed fit overall design features a diamond gusset crotch to allow for unrestricted movement
- Offers an inherent barrier against hazardous and non-hazardous particles, oils and greases
- Patent-pending design features red external stitched seams, red zipper and red chest patch border unique to Tyvek® 400 SFR
- Available in hooded and non-hooded options



Oil & gas



General
manufacturing



Maintenance



Dirty jobs



Environmental
services



Utilities



DuPont Confidential



DuPont Official Use Only

> New Products: Tyvek® 500 HP

MODEL: TY178S HP

The new Tyvek® 500 HP is designed to help maintain an effective barrier between the wearer and the full-body harness and external particulate hazards!

- ✓ **Wearer & harness protection** at the same time
- ✓ **Unique & innovative design** with 4 D-Ring connection options on the garment:
 - compatible with variety of full-body harness models
 - ideal for a wide range of applications requiring the protection of the harness & wearer against contamination from particles and/or light liquid splash



APPLICATIONS



Cleaning
at heights



Painting at
heights



Maintenance
at heights

**INTERESTED IN
GETTING A SAMPLE?**

**Contact your DuPont
sales representative
today.**

> New Products: Tychem® 6000 SFR

- Broad chemical protection and secondary flame resistance in a lightweight garment



Provides at least 30 minutes of protection for more than 250 chemical challenges* including chemical warfare agents, toxic industrial chemicals, and flammable organic solvents.



Provides secondary flame resistance when worn over primary FR garments

- In the event that a flash fire occurs, the garment won't contribute additional burn injury if appropriate primary flame-resistant personal protective equipment is worn beneath.



Refineries



Petrochemical plants



Hazardous maintenance operations



Laboratories



Clandestine lab investigation



Fire departments



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*Please check DuPont™ SafeSPEC™ for permeation data that meets your specific needs based on the hazards identified in your hazard assessment.

Low Sensitivity



Vending Solutions

DuPont™ Tyvek® 400 garment vending machine packs

Tyvek® industrial protection garments are also available in personal protective equipment (PPE) vending machine packs for easier distribution at your facility. They're the same great garments—offering an ideal balance of protection, durability and comfort—packaged for even greater convenience.

Simply choose Option Code VP.



Coverall

TY120SWHXX0025VP

Serged seams
Collar
Front zipper closure
Storm flap
Elastic waist
Comfort fit design
MD-7X



Coverall

TY122SWHXX0025VP

Serged seams
Attached hood (respirator fit)¹
Front zipper closure
Storm flap
Elastic wrists
Elastic ankles
Elastic waist
Attached skid-resistant boots
Comfort fit design
MD-7X



Coverall

TY125SWHXX0025VP

Serged seams
Collar
Front zipper closure
Storm flap
Elastic wrists
Elastic ankles
Elastic waist
Comfort fit design
MD-7X



Coverall

TY127SWHXX0025VP

Serged seams
Attached hood (respirator fit)¹
Front zipper closure
Storm flap
Elastic wrists
Elastic ankles
Elastic waist
Comfort fit design
MD-7X



Frock

TY210SWHXX0030VP

Serged seams
Collar
Front snap closure
MD-4X



Labcoat

TY212SWHXX0030VP

Serged seams
Collar
Front snap closure
Two pockets
MD-4X



Apron

TY273BWHXX0100VP

Bound seams
Bound neck & ties
Bib style
28" x 36"
One size fits most



Shirt

TY303SWHXX0050VP

Serged seams
Collar
Front snap closure
Long sleeve
MD-3X



Pants

TY350SWHXX0050VP

Serged seams
Elastic waist
MD-3X





Questions?



Matt Miller

Regional Sales Manager

DuPont Personal Protection

Mobile: 804-807-5190

Matthew.Miller@dupont.com



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