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DuPont Protection Solutions  
5401 Jefferson Davis Highway  
Richmond, VA 23234

June 11, 2018

**To: Kevin M. Richards, Special Agent**  
Virginia State Police HazMat Unit  
Counter Terrorism & Criminal Interdiction Unit.

**From: Khyati Vyas, DuPont**

Dear Kevin,

This letter is in response to your recent inquiry regarding chemical permeation test results for DuPont™ Tychem® 6000 (F) and Tychem® 6000 FR (ThermoPro) fabrics against Dahlgren Decon Solution from First Line Technology.

The Dahlgren Decon Solution was prepared by an independent lab at the time of permeation testing as per the mixing instructions and the three chemical components provided by First Line Technology. The following table contains a summary of permeation test results measured according to ASTM F739 standard test method at an independent laboratory. The test temperature was 27°C.

#	Challenge Chemical (Concentration)	CAS #	Chemical Phase	Fabric tested	Normalized Breakthrough Time at 0.1 µg/cm <sup>2</sup> /minute (Minutes)
1	Dahlgren Decon Solution (>95%)	Mixture	Liquid	Tychem® 6000 (F)	>480
2	Dahlgren Decon Solution (>95%)	Mixture	Liquid	Tychem® 6000 FR (ThermoPro)	>480

This data represents typical properties, and is not a product specification. Please check [www.safespec.dupont.com](http://www.safespec.dupont.com) for the most up-to-date information on our Tychem® products.

Thank you for your interest in Tychem® products.

Sincerely,

Khyati Vyas  
Research Investigator  
DuPont Protection Solutions

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