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SRL2009-513
 Mud Sunflower Glove
 Protective Industrial Products
 UPF Report

Table 1. UPF Results for Mud Sunflower Glove – Solid Fabric

	Test Fabric: Mud Sunflower Glove - Solid											
	Specimen 1			Specimen 2			Specimen 3			Specimen 4		
Sample UPF value=	71.80	68.58	83.63	72.12	63.39	93.25	69.96	67.06	75.43	71.68	72.10	84.81
MS (UPF)=	74.67			76.25			70.82			76.20		
UPF (m)=	74.48											
SD=	2.55											
E=	3.73											
UPF-E=	70.76											
Labeled=	50 +											
Mean T(UVA)=	2.59%											
Mean T(UVB)=	1.08%											
%Block UVA=	97.41%											
%Block UVB=	98.92%											


	Test Fabric: Mud Sunflower Glove - Mesh											
	Specimen 1			Specimen 2			Specimen 3			Specimen 4		
Sample UPF value=	3.06	3.14	3.14	3.04	3.04	3.43	3.08	3.04	3.06	3.07	3.15	3.05
MS (UPF)=	3.11			3.17			3.06			3.09		
UPF (m)=	3.11											
SD=	0.05											
E=	0.07											
UPF-E=	3.04											
Labeled=	No UPF Labeling Allowed											
Mean T(UVA)=	35.05%											
Mean T(UVB)=	31.93%											
%Block UVA=	64.95%											
%Block UVB=	68.07%											

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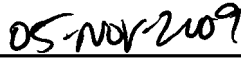
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Conclusions:

The Mud Sunflower Glove - Solid fabric had a UPF- E value of 70.76 and may be labeled as UPF 50 +. The mesh area of the glove had a UPF-E value of 3.04 and can not be labeled as UV protective.



J. William Stanfield - Investigator



Date

References:

1. Standard Practice for Conditioning and Testing Textiles, ASTM Designation: D 1776-98. ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA, 19428-2959 USA.
2. Transmittance or Blocking of Erythemally Weighted Ultraviolet Radiation through Fabrics, AATCC Test Method 183-2004. . American Association of Textile Chemists and Colorists, Research Triangle Park, NC 27709.
3. Standard Guide for Labeling of UV-Protective Textiles," ASTM Designation: D 6603-00. ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA, 19428-2959 USA.