

## ISO/IEC 17025 Certified Third Party Test Report

DATE ISSUED: August 12, 2019  
DATE REVISED: August 14, 2019

FILE: MCRSAF.A072419A

CLIENT: MCR Safety  
685 Highway 72  
Piperton, TN 38017

ATTN: Jerry Lee Porter

**SAMPLE IDENTIFIED BY CLIENT AS:**

Fabric Submitted  
Article #: BJ238  
Roll #: 666, PN #: 427517, Ref: RD  
Color Hi Vis Yellow

**TEST PROCEDURE:**

**RESISTANCE OF PROTECTIVE CLOTHING  
MATERIALS TO PENETRATION BY LIQUIDS (ASTM F903):**

Temperature: 70°F  
Specimen Area Exposed: 4.15 in<sup>2</sup>  
Thickness: 0.234 in  
Procedure: Method A (0 psig for 5 min, 2 psig for 10 min)

	Chemical Name	Concentration	CAS Number	Result	Comment
1	Acetonitrile	100%	75-05-8	Pass	
2	1,2 Dichloroethane	100%	107-06-2	Fail	Liquid penetrated
3	Ethanolamine	100%	141-43-5	Pass	
4	Ethyl Acrylate	100%	140-88-5	Pass	
5	Formaldehyde	37%	50-00-0	Pass	
6	Hexanes	100%	96-37-1	Pass	
7	Hydrochloric Acid	37%	7647-01-0	Pass	
8	Hydrofluoric Acid	48%	7664-39-3	Pass	
9	Kerosene	100%	8008-20-6	Pass	
10	Methyl Ethyl Ketone	100%	78-93-3	Fail	Liquid penetrated
11	Methylene chloride	100%	75-09-2	Fail	Liquid penetrated
12	Naphtha (Mineral Spirits)	100%	8030-30-6	Pass	
13	Nitric Acid	70%	7697-37-2	Pass	
14	Sodium Hydroxide	70%	1310-73-2	Pass	
15	Sodium Hypochlorite	6%	7681-52	Pass	
16	Styrene	100%	100-42-5	Pass	
17	Sulfuric Acid	70%	7664-93-9	Pass	
18	Toluene	100%	108-88-3	Pass	
19	1,1,1 Trichloroethane	100%	71-55-6	Pass	

Signed For The Company By

  
Joseph Lin  
Laboratory Manager

JG/07...JG/08



  
Stacy Sadowy  
Quality Assurance Manager