

Chemical Penetration Data

Chemical	CAS #	PetroStorm
Acetone	67-64-1	PASS
Acetonitrile (cyanomethane)	75-05-8	PASS
Ammonia, anhydrous (99.99%)	7664-41-7	PASS
Carbon Disulfide (100%)	75-65-0	PASS
Dichloromethane (methylene chloride)	75-09-2	PASS
Diethylamine	109-89-7	PASS
Dimethylformamide (DMF)	68-12-2	FAIL
Ethyl Acetate	141-78-6	PASS
Hydrazine (64%)	302-01-2	PASS
Hydrofluoric Acid	7664-39-3	FAIL
Hydrogen Chloride (99.0% - hydrochloric acid)	7647-01-0	PASS
Methanol (methyl alcohol, carbinol)	67-56-1	PASS
n-Hexane	110-54-3	PASS
Nitrobenzene	98-95-3	PASS
Phenol (NEAT)	108-95-2	FAIL
Phosphoric Acid (85%)	7664-38-2	PASS
Potassium hydroxide	1310-58-3	PASS
Propylene Glycol (95%)	57-55-6	PASS
Sodium Hydrochlorite 12.5% (Sodium Hypochlorite 11.9 - <15.6 & Sodium Hydroxide 0.1 - <2)	7681-52-9 and 1310-73-2	PASS
Sodium Hydroxide (50%)	1310-73-2	PASS
Sodium Hypochlorite (15%)	7681-52-9	PASS
Sodium Sulfate (2%)	7757-82-6	PASS
Sodium Sulfite (15%)	7757-83-7	PASS
Sulfuric Acid (93.1%)	7664-93-9	FAIL
Tetrachloroethylene (perchloroethylene)	127-18-4)	PASS
Tetrahydrofuran	109-99-9	FAIL
Toluene	108-88-3	PASS

Penetration resistance was measured in accordance with ASTM F 903, Standard Test Method for Resistance of Protective Clothing Materials to Penetration by Liquids, Procedure C.

Tests were conducted by TRI Environmental & Intertek. Updated January 2020