



## Chemical Penetration Data

| Chemical                                      | CAS #      | MP3  |
|-----------------------------------------------|------------|------|
| 2-mercaptoethanol (>98%)                      | 60-24-2    | PASS |
| Acetic Acid (99%)                             | 64-19-7    | PASS |
| Acetone                                       | 67-64-1    | PASS |
| Acrylonitrile                                 | 107-13-1   | PASS |
| Ammonium Hydroxide (30%)                      | 1336-21-6  | PASS |
| Benzene                                       | 71-43-2    | PASS |
| Bisphenol-A                                   | 80-05-7    | PASS |
| Butyl Acetate                                 | 123-86-4   | PASS |
| Carbon Tetrachloride                          | 56-23-5    | PASS |
| Cumene Hysroperoxide                          | 80-15-9    | PASS |
| Cyclohexylamine (MCHA) (100%)                 | 108-91-8   | PASS |
| Dimethyl formamide                            | 68-12-2    | PASS |
| Dodecyl Mercaptan                             | 112-55-0   | PASS |
| Ethylbenzene (99.8%)                          | 100-41-4   | PASS |
| Ethylene Dichloride                           | 107-06-2   | PASS |
| Gasoline (100%)0                              | n/a        | PASS |
| Hydrofloric Acid                              | 7664-39-3  | PASS |
| Hydrobromic Acid *                            | 10035-10-6 | FAIL |
| Hydrogen Chloride (99.0% - hydrochloric acid) | 7647-01-0  | PASS |
| Hydrogen Peroxide (CHOL) (50%)                | 7722-84-1  | PASS |
| Methanol (methyl alcohol, carbinol)           | 67-56-1    | PASS |
| Methyl Isobutyl Ketone                        | 108-10-1   | PASS |
| n-Hexane                                      | 110-54-3   | PASS |
| Nitric Acid (70%)                             | 7697-37-2  | PASS |
| Nitrobenzene                                  | 98-95-3    | PASS |
| Phenol (NEAT)                                 | 108-95-2   | PASS |
| Phosphoric Acid (85%)                         | 7664-38-2  | PASS |
| Potassium hydroxide                           | 1310-58-3  | PASS |
| Sodium Chlorate (Aqueous)                     | 1310-73-2  | PASS |
| Sodium Hydroxide (50%)                        | 1310-73-2  | PASS |
| Sodium Hypochlorite (15%)                     | 7681-52-9  | PASS |
| Styrene                                       | 100-42-5   | PASS |
| Sulfuric Acid (93.1%)                         | 7664-93-9  | PASS |
| Toluene                                       | 108-88-3   | PASS |
| Triethylamine                                 | 102-44-8   | PASS |
| Turpentine (100%)                             | 8006-64-2  | PASS |
| Para-Xylene                                   | 106-42-3   | PASS |
| Meta-Xylene                                   | 108-38-3   | PASS |
| Ortho-Xylene                                  | 95-47-6    | PASS |
| Xylenes (100%)                                | 1330-20-7  | 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 Intertek and TRI Environmental

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\* Indicates Tests Utilized Procedure E