

Chemical Permeation Guide for: SHOWA 875R Butyl Gloves – GLV1214

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875/R

NT= Not Tested

| CHEMICAL | CAS# | ASTM F739 | ASTM F1383 |
|---|-----------|-----------|------------|
| | | BT (Min) | BT (Min) |
| ACETONE | 67-64-1 | 139 | NT |
| ACETONITRILE | 75-05-8 | >480 | >240 |
| ACETOPHENONE | 98-86-2 | >480 | >240 |
| ACRYLAMIDE (50%) | 79-06-1 | >480 | >240 |
| ACRYLONITRILE | 107-13-1 | >480 | >240 |
| ACT 690 C4X1G SOLVENT STRIPPER | 8141-43-5 | >480 | >480 |
| ACT 935 UP PHOTORESIST STRIPPER | 9141-43-5 | >480 | >480 |
| ACT 970 PHOTORESIST STRIPPER | 9109-83-1 | >480 | >480 |
| ACT XT1100 MIXTURE | 9872-50-4 | >480 | >480 |
| AMMONIUM HYDROXIDE (29%) | 1336-21-6 | >480 | >240 |
| ASHLAND ACT 690 C4X1G SOLVENT STRIPPER | 8141-43-5 | >480 | >480 |
| ASHLAND ACT 935 UP PHOTORESIST STRIPPER | 9141-43-5 | >480 | >480 |
| ASHLAND ACT 970 PHOTORESIST STRIPPER | 9109-83-1 | >480 | >480 |
| ASHLAND ACT XT1100 MIXTURE | 9872-50-4 | >480 | >480 |
| BATTERY ACID (47% H2SO4) (47%) | 7664-93-9 | >480 | >240 |
| BENZYL ALCOHOL | 100-51-6 | >480 | >240 |
| BUTANOL | 71-36-3 | >480 | >240 |
| CARBON TETRACHLORIDE | 56-23-5 | 18 | NT |
| CELLOSOLVE ACETATE | 110-80-5 | >480 | >240 |
| CHLOROBENZENE | 108-90-7 | 20 | NT |
| CHLOROFORM | 67-66-3 | 15 | NT |
| CYCLOHEXANE | 110-82-7 | 13 | NT |
| CYCLOHEXANOL | 108-93-0 | >480 | >240 |
| CYCLOHEXANONE | 108-94-1 | >480 | >240 |
| CYCLOHEXYL KETONE | 108-94-1 | >480 | >240 |

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| DICHLOROPENTANE | 628-76-2 | 131 | NT |
| DIESEL FUEL | 77650-28-3 | 84 | NT |
| DIETHYLENE GLYCOL | 111-46-6 | >480 | >240 |
| DI-ISOBUTYL KETONE | 108-83-8 | 52 | NT |
| DIMETHYL METHYL PHOSPHONATE | 756-79-6 | >480 | >480 |
| DIMETHYL-4-HEPTANONE, 2,6- | 108-83-8 | 52 | NT |
| DIOXANE 1,4- | 123-91-1 | 206 | NT |
| EPICHLOROHYDRIN | 106-89-8 | >480 | >240 |
| ETHANOL | 64-17-5 | >480 | >240 |
| ETHYL ACETATE | 141-78-6 | 101 | NT |
| ETHYL ALCOHOL | 64-17-5 | >480 | >240 |
| ETHYLENE GLYCOL | 107-21-1 | >480 | >240 |
| ETHYLENE GLYCOL MONOETHYL ETHER | 110-80-5 | >480 | >240 |
| GASOLINE (UNLEADED) | 8006-61-9 | 29 | NT |
| HEPTANE | 142-82-5 | 9 | NT |
| HEXALIN | 108-93-0 | >480 | >240 |
| HEXANE | 110-54-3 | 7 | NT |
| HYDROCHLORIC ACID (37%) | 7647-01-0 | >480 | >240 |
| HYDROFLUORIC ACID (48%) | 7664-39-3 | >480 | >240 |
| ISO AMYL ALCOHOL | 123-51-3 | >480 | >240 |
| ISOPENTANOL | 123-51-3 | >480 | >240 |
| ISOPROPYL ALCOHOL | 67-63-0 | >480 | >240 |
| METHANOL | 67-56-1 | >480 | >240 |
| METHYL ALCOHOL | 67-56-1 | >480 | >240 |
| METHYL CYANIDE | 75-05-8 | >480 | >240 |
| METHYL ETHYL KETONE | 78-93-3 | 49 | NT |
| METHYL PHENYL KETONE | 98-86-2 | >480 | >240 |
| METHYL SALICYLATE | 119-36-8 | >480 | >480 |
| METHYLENE CHLORIDE | 75-09-2 | 7 | NT |
| METHYL-TERT-BUTYL ETHER | 1634-04-4 | 7 | NT |
| MINERAL SPIRITS | 64475-85-0 | 16 | NT |
| MONOCHLOROBENZENE | 108-90-7 | 20 | NT |
| MURIATIC ACID (10% HCL) (10%) | 7647-01-0 | >480 | >240 |
| NAPHTHA | 8032-32-4 | 3 | NT |
| NITRIC ACID (23%) | 7697-37-2 | >480 | >240 |

| | | | |
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| NITRIC ACID (70%) | 7697-37-2 | >480 | >240 |
| NITROBENZENE | 98-95-3 | >480 | >240 |
| OCTANOL N- | 111-87-5 | >480 | >240 |
| PENTYL ACETATE | 628-63-7 | NT | NT |
| PETROL | 8006-61-9 | 29 | NT |
| PHENOL | 108-95-2 | >480 | >240 |
| PHENYL ALCOHOL | 108-95-2 | >480 | >240 |
| PHOSPHORIC ACID (85%) | 7664-38-2 | >480 | >240 |
| PROPANEAMIDE (50%) | 79-06-1 | >480 | >240 |
| PROPANOL, 2- | 67-63-0 | >480 | >240 |
| PROPANONE, 2- | 67-64-1 | 139 | NT |
| PROPYL CARBINOL | 71-36-3 | >480 | >240 |
| SODIUM HYDROXIDE (50%) | 1310-73-2 | >480 | >240 |
| STYRENE | 100-42-5 | 15 | NT |
| SULFURIC ACID (97%) | 7664-93-9 | >480 | >240 |
| TETRACHLOROMETHANE | 56-23-5 | 18 | NT |
| TETRAHYDROFURAN | 109-99-9 | 13 | NT |
| THF | 109-99-9 | 13 | NT |
| TOLUENE | 108-88-3 | 7 | NT |
| TRICHLOROETHANE 1,1,1- | 71-55-6 | 13 | NT |
| TRICHLOROETHYLENE | 79-01-6 | 3 | NT |
| TRICHLOROMETHANE | 67-66-3 | 15 | NT |
| TRIETHYL PHOSPHATE | 78-40-0 | >480 | >480 |
| VINYL BENZENE | 100-42-5 | 15 | NT |
| VINYL CYANIDE | 107-13-1 | >480 | >240 |
| VINYL PYRROLIDINONE | 88-12-0 | >480 | >480 |
| VINYLBUTYROLACTAM | 88-12-0 | >480 | >480 |
| WMD SIMULANT DICHLOROPENTANE | 628-76-2 | 131 | NT |
| WMD SIMULANT DIMETHYL METHYL PHOSPHONATE | 756-79-6 | >480 | >480 |
| WMD SIMULANT METHYL SALICYLATE | 119-36-8 | >480 | >480 |
| WMD SIMULANT TRIETHYL PHOSPHATE | 78-40-0 | >480 | >480 |
| XYLENE | 1330-20-7 | 25 | NT |