

# Chemical Resistance Guide

Degradation Rating



***Nastah***  
*The Hand Protector*

# CHEMICAL RESISTANCE GUIDE



| Material | Natural Rubber |          | Key to Degradation Rating | E | Excellent       |  |
|----------|----------------|----------|---------------------------|---|-----------------|--|
|          | NR             | Nitrile  |                           | G | Good            |  |
|          | NEO            | Neoprene |                           | F | Fair            |  |
|          |                |          |                           | N | Not Recommended |  |

| CHEMICAL                | NR | NBR | NEO |
|-------------------------|----|-----|-----|
| Acetaldehyde            | E  | N   | E   |
| Acetic Acid 50%         | E  | E   | E   |
| Acetone                 | E  | N   | G   |
| Ammonium Carbonate      | E  | E   | E   |
| Ammonium Chloride       | E  | E   | E   |
| Ammonium Fluoride       | E  | E   | E   |
| Ammonium Hydroxide      | E  | E   | E   |
| Amyl Acetate            | N  | F   | F   |
| Amyl Alcohol            | F  | G   | G   |
| Aniline                 | G  | F   | G   |
| Animal Fats             | F  | E   | E   |
| Benzaldehyde            | N  | F   | F   |
| Benzene                 | N  | F   | N   |
| Benzyl Alcohol          | F  | G   | G   |
| Bleach                  | E  | E   | E   |
| Borax                   | E  | E   | E   |
| Butoxyethanol           | G  | E   | E   |
| Butyl Acetate           | N  | F   | F   |
| Butyl Alcohol           | E  | E   | E   |
| Calcium Chloride        | E  | E   | E   |
| Calcium Hydroxide       | F  | E   | E   |
| Calcium Hyphochlorate   | E  | E   | E   |
| Car Petrol              | N  | E   | G   |
| Carbon Tetrachloride    | N  | G   | F   |
| Castor Oil              | N  | E   | F   |
| Chlorine                | N  | E   | E   |
| Chloroform              | N  | G   | N   |
| Chromic Acid            | F  | F   | G   |
| Citric Acid             | E  | E   | E   |
| Concentrated Ammonia    | E  | E   | E   |
| Concentrated Boric Acid | E  | E   | E   |
| Cyclohexane             | N  | E   | E   |
| Cyclohexanol            | E  | E   | E   |
| Cyclohexanone           | F  | N   | F   |
| Diacetone Alcohol       | E  | F   | E   |
| Dibutyl Phtalate        | G  | E   | G   |
| Dibutylether            | N  | E   | F   |
| Diethanolamine          | E  | E   | E   |
| Diesel Oils             | N  | E   | F   |
| Ethyl Acetate           | N  | F   | F   |
| Ethyl Alcohol (Ethanol) | G  | E   | E   |
| Ethylamine              | F  | E   | F   |
| Ethylaniline            | F  | E   | E   |
| Ethylene Glocol         | E  | E   | E   |
| Fertilizers             | E  | E   | E   |
| Fixing Salts            | E  | E   | E   |

| CHEMICAL                   | NR | NBR | NEO |
|----------------------------|----|-----|-----|
| Formaldehyde at 30%        | E  | E   | E   |
| Formic Acid at 90%         | N  | F   | G   |
| Fuel Oil                   | N  | E   | F   |
| Fuels                      | N  | E   | F   |
| Gas Oil                    | N  | E   | F   |
| Glycerophtalic Paint       | N  | E   | F   |
| Glycols                    | E  | E   | E   |
| Hexane                     | N  | E   | F   |
| Household Detergents       | G  | G   | E   |
| Hydraulic Fluids (Esters)  | E  | E   | E   |
| Hydraulic Oils             | N  | E   | F   |
| Hydrochloric Acid, 48%     | E  | E   | E   |
| Hydrogen Peroxide,30%      | E  | E   | E   |
| Isobutyl Alcohol           | E  | E   | E   |
| Isobutyl Ketone            | E  | N   | E   |
| Kerosene                   | N  | E   | F   |
| Lactic Acid,85%            | E  | E   | E   |
| Lauric Acid,36%            | E  | E   | E   |
| Methyl Alcohol (Methanol)  | E  | E   | E   |
| Methylamine                | E  | E   | G   |
| Methyl Ethyl Ketone        | F  | N   | F   |
| N-butylamine               | E  | E   | E   |
| Nitric Acid,10%            | G  | E   | E   |
| Nitrobenzene               | F  | N   | N   |
| Nitropropane               | E  | F   | G   |
| Oleic Acid                 | F  | E   | E   |
| Oxalic Acid                | E  | E   | E   |
| Perchloroethylene          | N  | G   | F   |
| Petroleum Ether            | N  | E   | G   |
| Petroleum Products         | N  | G   | F   |
| Phenol (Phenic Acid)       | F  | G   | G   |
| Phosphoric Acid 75%        | E  | E   | E   |
| Potassium Acetate          | E  | E   | E   |
| Potassium Permanganate     | E  | E   | E   |
| Propyl Acetate             | F  | N   | F   |
| Rubber Solvent             | N  | E   | E   |
| Sodium Hypochlorate        | E  | E   | E   |
| Styrene                    | N  | F   | F   |
| Sulphuric Acid 95%         | N  | N   | F   |
| Sulphuric Ether (Pharmacy) | F  | E   | E   |
| Tetrahydrofurance          | F  | N   | F   |
| Toluene                    | N  | G   | F   |
| Trochlorethylene           | N  | F   | F   |
| Turpentine                 | N  | E   | F   |
| Vinyl Chloride Gas         | N  | N   | N   |
| Xylene                     | N  | E   | F   |