



## Chemical Resistance Chart

These charts are for information purposes only. Temperature, exposure length, concentration and reactions between multiple substances can all contribute to a compound's performance in the presence of any chemical(s). Mulhern Belting cannot be held liable or provide warranty due to the accuracy of or reliance on any of the following information.

### **PVC**

Polyvinyl Chloride (PVC) is biologically and chemically resistant. PVC can be formulated to meet fire resistant and anti-static requirements.

Examples: 2-1121, 2-1151, 2-1201

### **RAV**

Rubber and Vinyl (RAV), also known as RMV, is a refined PVC formulation. It offers high resistance to fats, oils and chemicals. It is a popular compound for use in food applications.

Examples: 1-2911, 1-2931, 2-1911

### **Urethane**

Urethane is a good choice for rough and/or oily applications. It enjoys excellent abrasion and oil resistance.

Examples: 4-4400, 4-4600, 4-4700

### **SBR**

Styrene Butadiene Rubber (SBR) is also known as RMA Grade II rubber. Its abrasion resistance makes this compound popular for belting in the Aggregate Industry and package handling applications, among others. It has good resistance to the elements, ozone and sunlight but poor oil resistance.

Examples: 5-2531, 5-2731, 3-1102

### **NBR**

Butadiene Acrylonitrile, also called Nitrile or Buna N or NBR, gives resistance to oil, heat and grease.

Examples: 1-2002, 1-6003

### **MOR**

MOR stands for Moderate Oil Resistance. This compound performs well in wood, agriculture and light industrial applications where limited oils are present.

Examples: 5-2732, 5-3732

### **SOR**

Super Oil Resistance (SOR) engenders extra oil resistance. It is used in high oil applications such as asphalt manufacture.

Examples: 5-2734

### **EPDM**

Ethylene Propylene Diene Methylene Tripolymer (EPDM) is a formulation designed for extreme temperature, up to 350F for fines and 400F for lumps.

Examples: 5-3733

### **Butyl**

Isobutylene Isoprene (Butyl) has very good temperature resistance. It can withstand environments from -65F to 300F. It is popular in food applications but has limited abrasion resistance.

Examples: 1-5005

### **NR**

Natural Rubber or Polyisoprene exhibits abrasion, gouge and cut resistance. It is generally used in non-marking belts.

Examples: 3-4403, 4-1500

### **Ratings**

**E**      **Excellent**—High resistance

**G**      **Good**—Belt life expectancy depends on extent of exposure. Belt will have slight weight and dimensional changes over time.

**F**      **Fair**—Limited functionality and resistance. Belt will experience weight and dimensional changes.

**NR**      **Not Recommended**

**U**      **Unknown**—Inadequate evidence to make determination.

| Polymer  | Temperature Range | Abrasion Resistance | Cut/Gouge Resistance | Oil Resistance |
|----------|-------------------|---------------------|----------------------|----------------|
| PVC      | 0F to 180F        | G                   | G                    | G              |
| RAV      | -20F to 180F      | G                   | G                    | E              |
| Urethane | -20F to 180F      | E                   | E                    | E              |
| SBR      | -25F to 250F      | E                   | G                    | NR             |
| NBR      | 0F to 250F        | G                   | G                    | E              |
| MOR      | -20F to 200F      | G                   | G                    | G              |
| SOR      | -10F to 200F      | G                   | G                    | E              |
| EPDM     | -20F to 400F      | G                   | G                    | NR             |
| Butyl    | -65F to 300F      | F                   | G                    | NR             |
| NR       | -40F to 200F      | E                   | E                    | NR             |

| Polymer  | Temperature Range | Abrasion Resistance | Cut/Gouge Resistance | Oil Resistance |
|----------|-------------------|---------------------|----------------------|----------------|
| PVC      | 0F to 180F        | G                   | G                    | G              |
| RAV      | -20F to 180F      | G                   | G                    | E              |
| Urethane | -20F to 180F      | E                   | E                    | E              |
| SBR      | -25F to 250F      | E                   | G                    | NR             |
| NBR      | 0F to 250F        | G                   | G                    | E              |
| MOR      | -20F to 200F      | G                   | G                    | G              |
| SOR      | -10F to 200F      | G                   | G                    | E              |
| EPDM     | -20F to 400F      | G                   | G                    | NR             |
| Butyl    | -65F to 300F      | F                   | G                    | NR             |
| NR       | -40F to 200F      | E                   | E                    | NR             |

| Chemical                 | PVC | RAV | Urethane | SBR | NBR | MOR | SOR | EPDM | Butyl | NR |
|--------------------------|-----|-----|----------|-----|-----|-----|-----|------|-------|----|
| Acetaldehyde             | NR  | NR  | NR       | NR  | NR  | NR  | NR  | G    | G     | F  |
| Acetic Acid-Glacial      | NR  | NR  | E        | F   | NR  | NR  | NR  | F    | E     | F  |
| Acetic Acid--30%         | E   | E   | E        | F   | F   | F   | F   | F    | F     | F  |
| Acetic Anhydride         | F   | F   | NR       | F   | NR  | F   | F   | NR   | F     | F  |
| Acetone                  | NR  | NR  | NR       | NR  | NR  | NR  | NR  | F    | G     | NR |
| Alcohols                 | F   | G   | NR       | G   | E   | G   | E   | G    | E     | G  |
| Aluminum Chloride        | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Alumina Non-Activated    | NR  | NR  | E        | G   | E   | E   | E   | E    | E     | G  |
| Alumina Nitrate          | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Ammonium Carbonate       | E   | E   | E        | E   | NR  | E   | E   | E    | E     | E  |
| Ammonium Hydroxide (dil) | E   | U   | E        | NR  | NR  | NR  | NR  | E    | E     | NR |
| Ammonium Nitrate         | E   | E   | E        | E   | E   | E   | E   | E    | E     | F  |
| Ammonium Persulfate      | NR  | NR  | NR       | NR  | NR  | NR  | NR  | E    | E     | E  |
| Ammonium Phosphate       | G   | E   | E        | E   | E   | E   | E   | E    | E     | G  |
| Ammonium Sulfate         | G   | E   | E        | G   | E   | E   | E   | E    | E     | E  |
| Aniline Dyes             | G   | G   | G        | G   | NR  | F   | NR  | G    | G     | G  |
| Animal Fats              | NR  | G   | G        | NR  | G   | F   | G   | G    | G     | NR |
| Asphalt--Hot             | NR  | NR  | E        | NR  | G   | NR  | NR  | NR   | NR    | NR |
| Barium Chloride          | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Barium Hydroxide         | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Barium Sulfide           | E   | E   | E        | G   | E   | E   | E   | E    | E     | E  |
| Benzene                  | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Benzyl Alcohol           | F   | U   | NR       | NR  | NR  | NR  | NR  | NR   | G     | NR |
| Borax                    | E   | E   | E        | G   | G   | G   | E   | E    | E     | G  |
| Boric Acid (dil)         | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Brine                    | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Bunker Oil               | F   | U   | E        | NR  | E   | F   | E   | NR   | NR    | NR |
| Butter                   | F   | G   | G        | NR  | E   | NR  | G   | F    | G     | NR |
| Butyl Acetate            | NR  | NR  | NR       | NR  | NR  | NR  | NR  | G    | G     | NR |
| Butylaldehyde            | NR  | NR  | F        | NR  | F   | NR  | NR  | G    | G     | NR |
| Calcium Bisulfite        | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Calcium Chloride         | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Calcium Hydroxide        | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |

| Chemical                        | PVC | RAV | Urethane | SBR | NBR | MOR | SOR | EPDM | Butyl | NR |
|---------------------------------|-----|-----|----------|-----|-----|-----|-----|------|-------|----|
| Calcium Hypochlorite            | G   | U   | E        | NR  | F   | F   | F   | E    | E     | NR |
| Calcium Nitrate                 | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Calcium Sulfide                 | E   | E   | E        | G   | G   | F   | G   | E    | E     | G  |
| Caliche-(Sodium Nitrate)        | E   | E   | E        | G   | G   | G   | G   | E    | E     | G  |
| Carbolic Acid--attacks PE/Nylon | NR  | NR  | E        | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Carbon Bisulfide                | NR  | NR  | NR       | NR  | F   | NR  | F   | NR   | NR    | NR |
| Carbon Tetrachloride            | NR  | NR  | NR       | NR  | F   | NR  | NR  | NR   | NR    | NR |
| Castor Oil                      | F   | E   | F        | NR  | E   | F   | E   | G    | G     | NR |
| Cellosolve                      | NR  | NR  | G        | NR  | NR  | NR  | NR  | G    | G     | NR |
| Chinawood Oil                   | NR  | U   | NR       | NR  | G   | F   | G   | NR   | G     | NR |
| Chlorinated Solvents            | NR  | NR  | G        | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Chlorine Solutions              | E   | E   | NR       | G   | G   | G   | G   | E    | E     | G  |
| Chrome Plating Solutions        | F   | U   | E        | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Chromic Acid                    | NR  | NR  | NR       | NR  | NR  | NR  | NR  | F    | F     | NR |
| Citric Acid                     | E   | E   | NR       | E   | E   | E   | E   | E    | E     | E  |
| Coal--Oil Treated               | F   | U   | E        | NR  | E   | G   | E   | NR   | NR    | NR |
| Coconut Oil                     | F   | E   | E        | NR  | E   | F   | E   | E    | E     | NR |
| Copper Chloride                 | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Copper Sulfate                  | E   | E   | E        | G   | E   | E   | E   | E    | E     | G  |
| Corn Oil                        | NR  | E   | G        | NR  | G   | F   | G   | F    | G     | NR |
| Cotton Seed Oil                 | NR  | G   | G        | NR  | G   | F   | G   | E    | F     | NR |
| Cresol--Attacks PE/Nylon        | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Creosote                        | F   | U   | E        | NR  | G   | NR  | NR  | NR   | NR    | NR |
| Cresylic Acid                   | NR  | NR  | NR       | NR  | F   | NR  | NR  | NR   | NR    | NR |
| Denatured Alcohol               | E   | G   | F        | E   | E   | E   | E   | E    | E     | E  |
| Developing Liquids              | E   | E   | E        | G   | E   | G   | E   | G    | G     | E  |
| Diacetone Alcohol               | NR  | NR  | NR       | NR  | NR  | NR  | NR  | E    | E     | NR |
| Diesel Oil                      | F   | E   | E        | NR  | E   | F   | E   | NR   | NR    | NR |
| Diethylene Glycol               | E   | U   | E        | G   | E   | E   | E   | E    | E     | G  |
| Ethyl Acetate                   | NR  | NR  | NR       | NR  | NR  | NR  | NR  | G    | G     | NR |
| Ethyl Alcohol                   | G   | G   | NR       | E   | E   | E   | E   | E    | E     | E  |
| Ethyl Cellulose                 | E   | G   | E        | G   | G   | G   | G   | G    | G     | G  |
| Ethylene Glycol                 | NR  | F   | G        | G   | E   | E   | E   | E    | E     | G  |

| Chemical                   | PVC | RAV | Urethane | SBR | NBR | MOR | SOR | EPDM | Butyl | NR |
|----------------------------|-----|-----|----------|-----|-----|-----|-----|------|-------|----|
| Fatty Acids                | NR  | G   | G        | NR  | G   | F   | G   | NR   | NR    | NR |
| Ferric Chloride            | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Ferric Sulfate             | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Formaldehyde (Aqueous)     | E   | E   | E        | NR  | G   | F   | G   | E    | E     | NR |
| Formic Acid--Attacks Nylon | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Fuel Oil                   | F   | E   | E        | NR  | E   | F   | E   | NR   | NR    | NR |
| Furfural                   | NR  | G   | NR       | NR  | E   | NR  | F   | G    | G     | NR |
| Gasoline                   | NR  | E   | G        | NR  | E   | F   | G   | NR   | NR    | NR |
| Gelatin                    | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Glucose                    | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Glycerine                  | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Glycols                    | F   | U   | E        | E   | E   | E   | E   | E    | E     | E  |
| Green Sulphate Liquor      | E   | U   | G        | G   | G   | G   | E   | E    | E     | G  |
| Hydraulic Oil              | NR  | G   | NR       | NR  | G   | G   | G   | NR   | NR    | NR |
| Hydrochloric Acid (dil)    | E   | E   | E        | G   | G   | G   | G   | E    | E     | G  |
| Hydrogen Peroxide          | E   | U   | NR       | NR  | NR  | NR  | NR  | F    | F     | NR |
| Hydrobromic Acid (dil)     | E   | E   | E        | F   | NR  | E   | E   | E    | E     | E  |
| Isoctane (Gasoline)        | NR  | NR  | E        | NR  | E   | NR  | NR  | NR   | NR    | NR |
| Isopropyl Acetate          | NR  | NR  | NR       | NR  | NR  | NR  | NR  | E    | E     | NR |
| Kerosene                   | NR  | G   | G        | NR  | G   | NR  | G   | NR   | NR    | NR |
| Lacquers                   | NR  | F   | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Lacquer Solvents           | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Lactic Acid                | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Lard                       | NR  | G   | G        | NR  | G   | F   | G   | NR   | NR    | NR |
| Latex Adhesive             | G   | U   | NR       | NR  | E   | F   | G   | NR   | NR    | NR |
| Lime Sulfur                | F   | U   | NR       | NR  | NR  | NR  | NR  | E    | E     | NR |
| Limestone                  | E   | E   | E        | E   | E   | E   | E   | E    | G     | E  |
| Linolic Acid               | F   | F   | G        | NR  | G   | NR  | G   | F    | F     | NR |
| Linseed Oil                | G   | G   | NR       | NR  | E   | F   | E   | G    | G     | NR |
| Lube Oil                   | F   | U   | E        | NR  | E   | F   | E   | NR   | NR    | NR |
| Lubricating Oils           | F   | E   | E        | NR  | E   | F   | E   | NR   | NR    | NR |
| Magnesium Chloride         | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Magnesium Hydroxide        | E   | E   | E        | G   | G   | G   | E   | E    | E     | G  |

| Chemical                 | PVC | RAV | Urethane | SBR | NBR | MOR | SOR | EPDM | Butyl | NR |
|--------------------------|-----|-----|----------|-----|-----|-----|-----|------|-------|----|
| Magnesium Sulfate        | E   | E   | E        | G   | E   | E   | E   | E    | E     | G  |
| Meat and Bone Meal       | NR  | U   | G        | NR  | G   | F   | G   | NR   | NR    | NR |
| Methyl Alcohol           | G   | G   | E        | E   | E   | E   | E   | E    | E     | E  |
| Methyl Butyl Ketone      | NR  | NR  | G        | NR  | NR  | NR  | NR  | E    | E     | NR |
| Methyl Ethyl Ketone      | NR  | NR  | G        | NR  | NR  | NR  | NR  | E    | E     | NR |
| Milk                     | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Mineral Oil              | F   | E   | E        | NR  | F   | F   | E   | NR   | G     | NR |
| Mineral Spirits          | NR  | E   | G        | NR  | NR  | NR  | NR  | E    | F     | NR |
| Molasses                 | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Mustard                  | NR  | U   | G        | NR  | G   | F   | G   | NR   | NR    | NR |
| Naptha                   | NR  | F   | F        | NR  | F   | NR  | F   | NR   | NR    | NR |
| Nickle Chloride          | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Nickel Sulfate           | E   | E   | E        | G   | E   | E   | E   | E    | E     | G  |
| Nitric Acid (dil)        | E   | E   | NR       | NR  | NR  | NR  | NR  | G    | G     | NR |
| Oleic Acid               | NR  | U   | G        | G   | F   | F   | F   | G    | G     | G  |
| Olive Oil                | NR  | U   | G        | NR  | E   | F   | G   | G    | G     | NR |
| Oil Sands                | F   | E   | E        | NR  | E   | F   | E   | NR   | NR    | NR |
| Oil Shale                | F   | E   | E        | NR  | E   | F   | E   | NR   | NR    | NR |
| Oxalic Acid              | E   | U   | E        | G   | G   | F   | G   | E    | E     | G  |
| Oxygen                   | E   | E   | E        | G   | G   | G   | G   | E    | E     | G  |
| Ozone                    | E   | E   | E        | NR  | NR  | NR  | NR  | E    | G     | NR |
| Palmitic Acid            | NR  | U   | G        | G   | E   | G   | E   | G    | G     | G  |
| Paraffin                 | G   | E   | F        | NR  | E   | G   | E   | G    | G     | NR |
| Peanut Oil               | NR  | E   | G        | NR  | G   | F   | G   | G    | F     | NR |
| Peel Oil                 | NR  | U   | G        | NR  | G   | F   | G   | G    | F     | NR |
| Perchloric Acid          | NR  | NR  | NR       | NR  | NR  | NR  | NR  | G    | G     | NR |
| Petroleum Oils           | F   | G   | E        | NR  | E   | F   | E   | NR   | G     | NR |
| Phenol--Attacks PE/Nylon | E   | NR  | G        | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Phosphate Ore            | G   | G   | E        | E   | E   | E   | E   | E    | E     | E  |
| Phosphate--Processed     | G   | F   | E        | F   | NR  | F   | F   | G    | G     | F  |
| Phosphoric Acid (dil)    | E   | E   | E        | F   | G   | F   | G   | E    | E     | G  |
| Pine Oil                 | F   | E   | G        | NR  | G   | F   | G   | NR   | NR    | NR |
| Pine Resin               | F   | F   | G        | NR  | G   | F   | G   | NR   | NR    | NR |

| Chemical               | PVC | RAV | Urethane | SBR | NBR | MOR | SOR | EPDM | Butyl | NR |
|------------------------|-----|-----|----------|-----|-----|-----|-----|------|-------|----|
| Potassium Chloride     | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Potassium Hydroxide    | e   | E   | E        | G   | G   | G   | E   | E    | E     | G  |
| Potassium Nitrate      | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Potassium Sulfate      | E   | E   | E        | G   | E   | E   | E   | E    | E     | G  |
| Rapeseed Oil           | NR  | U   | G        | NR  | G   | F   | G   | E    | E     | NR |
| Salicylic Acid         | E   | E   | E        | G   | E   | G   | E   | E    | E     | E  |
| Salt Water             | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sewage                 | F   | F   | E        | NR  | E   | F   | E   | F    | NR    | NR |
| Shellac (flakes)       | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Silicone Oil           | F   | E   | E        | F   | E   | G   | E   | G    | E     | F  |
| Soap Solutions         | E   | U   | E        | G   | E   | E   | E   | E    | E     | G  |
| Soda Ash               | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sodium Bicarbonate     | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sodium Bisulfate       | E   | E   | E        | G   | E   | G   | E   | E    | E     | E  |
| Sodium Chloride        | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sodium Hydroxide (dil) | E   | E   | E        | E   | G   | E   | G   | E    | E     | E  |
| Sodium Hypochlorite    | E   | E   | E        | F   | G   | F   | G   | G    | G     | F  |
| Sodium Nitrate         | E   | E   | E        | G   | G   | G   | E   | E    | E     | G  |
| Sodium Perborate       | E   | U   | E        | G   | G   | G   | E   | E    | E     | G  |
| Sodium Peroxide        | E   | E   | E        | G   | G   | G   | E   | E    | E     | G  |
| Sodium Phosphates      | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sodium Silicate        | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sodium Sulfate         | E   | E   | E        | G   | E   | E   | E   | E    | E     | G  |
| Sodium Sulfide         | E   | E   | E        | F   | NR  | F   | F   | G    | E     | F  |
| Sodium Thiosulfate     | E   | E   | E        | G   | G   | G   | E   | G    | G     | G  |
| Sodium Chloride        | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Soybean Oil            | F   | E   | U        | F   | E   | U   | U   | U    | U     | U  |
| Stearic Acid           | G   | U   | E        | F   | F   | F   | F   | F    | E     | F  |
| Sugar Beets            | E   | E   | E        | E   | E   | E   | E   | E    | F     | E  |
| Sugar Cane             | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sugar Syrup            | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Sulfur                 | E   | E   | E        | NR  | NR  | NR  | NR  | E    | E     | NR |
| Sulfuric Acid (dil)    | E   | E   | E        | F   | NR  | F   | F   | G    | E     | F  |

| Chemical                         | PVC | RAV | Urethane | SBR | NBR | MOR | SOR | EPDM | Butyl | NR |
|----------------------------------|-----|-----|----------|-----|-----|-----|-----|------|-------|----|
| Sulfurous Acid                   | E   | E   | E        | F   | NR  | F   | F   | G    | G     | F  |
| Sunlight                         | E   | E   | E        | G   | G   | G   | G   | G    | G     | G  |
| Tannic Acid                      | E   | E   | E        | G   | E   | G   | E   | E    | E     | G  |
| Tanning Liquor                   | F   | U   | G        | NR  | G   | F   | G   | NR   | E     | NR |
| Tar, Bituminous                  | F   | E   | E        | NR  | E   | F   | G   | NR   | NR    | NR |
| Tartaric Acid                    | E   | E   | E        | G   | E   | G   | E   | G    | NR    | G  |
| Tetrachloroethylene              | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | G     | NR |
| Toluene (Toluol)                 | NR  | F   | NR       | NR  | F   | NR  | F   | NR   | NR    | NR |
| Transformer Oil                  | F   | U   | G        | NR  | E   | F   | E   | NR   | NR    | NR |
| Transmission--Type A             | F   | U   | G        | NR  | E   | G   | E   | NR   | NR    | NR |
| Trichloroethylene                | NR  | NR  | NR       | NR  | F   | NR  | NR  | NR   | NR    | NR |
| Trichloroethane                  | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Tricresyl Phosphate              | F   | U   | NR       | NR  | NR  | NR  | NR  | F    | E     | NR |
| Trisodium Phosphate              | E   | U   | E        | E   | E   | E   | E   | E    | E     | E  |
| Tung Oil                         | F   | U   | G        | NR  | E   | G   | E   | F    | F     | NR |
| Turpentine                       | NR  | F   | NR       | NR  | R   | G   | E   | NR   | NR    | NR |
| Ultra-Violet (moderate exposure) | E   | E   | E        | G   | G   | G   | G   | E    | F     |    |
| Urea                             | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Urine                            | E   | E   | G        | G   | G   | G   | G   | G    | G     | G  |
| Vegetable Oils                   | NR  | E   | G        | NR  | E   | G   | E   | F    | F     | NR |
| Vinegar                          | E   | E   | E        | G   | G   | G   | E   | E    | E     | G  |
| Water                            | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Whiskey                          | G   | G   | G        | E   | E   | E   | E   | E    | E     | E  |
| Wines                            | G   | G   | G        | E   | E   | E   | E   | E    | E     | E  |
| White Pine Oil                   | F   | U   | G        | NR  | E   | G   | E   | NR   | NR    | NR |
| White Oil                        | F   | U   | E        | NR  | E   | G   | E   | NR   | NR    | NR |
| Wood Oil                         | F   | E   | E        | NR  | E   | G   | E   | NR   | NR    | NR |
| Wood Chips                       | G   | G   | E        | F   | E   | G   | E   | NR   | NR    | F  |
| Xylene--Attacks Nylon            | NR  | NR  | NR       | NR  | NR  | NR  | NR  | NR   | NR    | NR |
| Zinc Chloride                    | E   | E   | E        | E   | E   | E   | E   | E    | E     | E  |
| Zinc Sulphate                    | E   | E   | E        | G   | E   | E   | E   | E    | E     | G  |