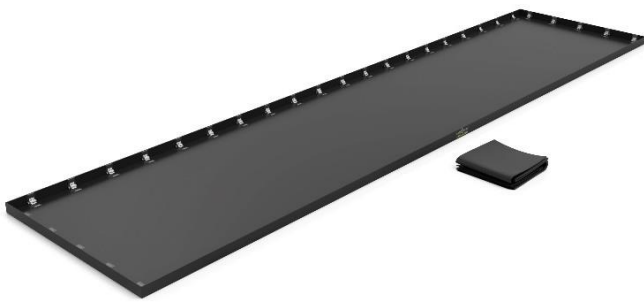




## WasteShield 12x60

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### PRODUCT DESCRIPTION

WasteShield 12x60 is a single-piece, heat welded containment berm that provides safe, easy and cost-effective solutions for spill containment. Manufactured with sturdy material that's also flexible and portable.

### FEATURES

- Choose from 18oz. or 35 oz.
- Portable and reusable
- Durable and lightweight
- Easy setup and deployment
- Built for tough jobs
- Flip-up sides make it easy to get in and out.

### CHEMICAL INFORMATION

Use this chart as a General Guide only. Test each chemical first before using. Rating generally correlates as follows:

- A - Excellent
- B - Good (minor effect, slight corrosion or discoloration)
- C - Fair (moderate effect, not recommended for continuous use. Softening, loss of strength or swelling may occur)
- D - Severe Effect (not recommended for ANY use) N/A - no data (information not available)
- 1 – Satisfactory to 72°F (22°C)
- 2 – Satisfactory to 120°F (48°C)

### CAPACITY INFORMATION

| Measurement  | Capacity                |
|--------------|-------------------------|
| Cubic Yards  | 12.22 yd <sup>3</sup>   |
| Cubic Feet   | 330 ft <sup>3</sup>     |
| Cubic Inches | 570,240 in <sup>3</sup> |
| Gallons      | 2469 gal                |

### TECHNICAL INFORMATION

#### 18 oz.

| Product Properties                | Specifications (Metric)                         | Test Method (ASTM) |
|-----------------------------------|---|--------------------|
| Weight                            | 19.6 oz/yd <sup>2</sup> (665 g/m <sup>2</sup> ) | D751               |
| Thickness                         | 20.3 mils (0.5 mm)                              | D751               |
| Puncture Strength                 | 236 lbs (1000 N)                                | D4833              |
| Ball Burst                        | 629 lbs (2800 N)                                | D751               |
| Trap Tear Strength                | MD - 41 lbs (182 N)<br>TD - 44 lbs (196 N)      | D4533              |
| Hydrostatic Resistance            | 760 psi (5200 kPa)                              | D751, Procedure A  |
| Tensile Property - Break Strength | MD - 479 lbs (2100 N)<br>TD - 469 lbs (2100 N)  | D751, Procedure A  |
| Tensile Property - Elongation     | MD - 19%<br>TD - 25%                            | D751, Procedure A  |
| Abrasion Resistance               | 11000 Cycles                                    | D3884              |
| Low Working Temp                  | -40°F (-40°C)                                   | D751               |
| High Working Temp                 | 158°F (70°C)                                    |                    |

**35 oz.**

| Product Properties                       | Specifications (Metric)                        | Test Method (ASTM) |
|--|--|--------------------|
| <b>Weight</b>                            | 34.4 oz/yd <sup>2</sup> (814g/m <sup>2</sup> ) | D751               |
| <b>Thickness</b>                         | 37.5 mils (0.95mm)                             | D751               |
| <b>Puncture Strength</b>                 | 211 lbs (940 N)                                | D4833              |
| <b>Ball Burst</b>                        | 559 lbs (2490 N)                               | D751               |
| <b>Trap Tear Strength</b>                | MD - 49 lbs (218 N)<br>TD - 41 lbs (182 N)     | D4533              |
| <b>Hydrostatic Resistance</b>            | 717 psi (4940 kPa)                             | D751, Procedure A  |
| <b>Tensile Property - Break Strength</b> | MD - 444 lbs (1980 N)<br>TD - 442 lbs (1970 N) | D751, Procedure A  |
| <b>Tensile Property - Elongation</b>     | MD - 31%<br>TD - 25%                           | D751, Procedure A  |
| <b>Abrasion Resistance</b>               | 10643 Cycles                                   | D3884              |
| <b>Low Working Temp</b>                  | -40°F (-40°C)                                  | D751               |
| <b>High Working Temp</b>                 | 158°F (70°C)                                   |                    |

| Chemical                       | Compatibility | Chemical                        | Compatibility | Element                            | Compatibility |
|--------------------------------|---------------|---------------------------------|---------------|------------------------------------|---------------|
| Acetaldehyde                   | D             | Alcohols: Hexyl                 | A2            | Ammonium Carbonate                 | A2            |
| Acetamide                      | D             | Alcohols: Isobutyl              | A1            | Ammonium Chloride                  | A2            |
| Acetate Solvent                | D             | Alcohols: Isopropyl             | A1            | Ammonium Fluoride 25%              | A             |
| Acetic Acid                    | D             | Alcohols: Methyl                | A1            | Ammonium Hydroxide                 | A             |
| Acetic Acid 20%                | D             | Alcohols: Propyl                | A1            | Ammonium Nitrate                   | A2            |
| Acetic Acid 80%                | C             | Allyl Chloride                  | D             | Ammonium Oxalate                   | A             |
| Acetic Acid, Glacial           | D             | Aluminum Acetate (saturated)    | A             | Ammonium Persulfate                | A2            |
| Acetic Anhydride               | D             | Aluminum Chloride               | A2            | Ammonium Phosphate, Dibasic        | A2            |
| Acetone                        | D             | Aluminum Chloride 20%           | A1            | Ammonium Phosphate, Monobasic      | A             |
| Acetone, 50% water             | D             | Aluminum Fluoride               | A2            | Ammonium Phosphate, Tribasic       | A             |
| Acetyl Bromide                 | D             | Aluminum Hydroxide              | A2            | Ammonium Sulfate                   | A2            |
| Acetyl Chloride (dry)          | C             | Aluminum Nitrate                | B2            | Ammonium Sulfite                   | A2            |
| Acetylene                      | A1            | Aluminum Potassium Sulfate 10%  | A2            | Amyl Acetate                       | D             |
| Acrylonitrile                  | B1            | Aluminum Potassium Sulfate 100% | A2            | Amyl Alcohol                       | A2            |
| Adipic Acid                    | A2            | Aluminum Sulfate                | A2            | Amyl Chloride                      | D             |
| Alcohols: Amyl                 | A2            | Amines                          | D             | Aniline                            | C1            |
| Alcohols: Benzyl               | D             | Ammonia 10%                     | B1            | Aniline Hydrochloride              | B2            |
| Alcohols: Butyl                | A2            | Ammonia Nitrate                 | B             | Antifreeze (glycol-based)          | B             |
| Alcohols: Diacetone            | B1            | Ammonia, anhydrous              | A2            | Antimony Trichloride               | A2            |
| Alcohols: Ethyl                | C             | Ammonia, liquid                 | A1            | Aqua Regia (80% HCl, 20% HNO3)     | C1            |
| Antimony Trichloride           | A2            | Bleaching Liquors               | A1            | Calcium Hydroxide (saturated)      | A             |
| Aqua Regia (80% HCl, 20% HNO3) | C1            | Borax (Sodium Borate)           | A1            | Calcium Hypochlorite               | B1            |
| Aromatic Hydrocarbons          | D             | Boric Acid                      | A2            | Calcium Hypochlorite (satu- rated) | A             |
| Arsenic Acid                   | A1            | Bromine                         | C1            | Calcium Hypochlorite 30%           | A             |
| Arsenic Salts                  | A             | Butadiene                       | C1            | Calcium Nitrate                    | A2            |
| Asphalt                        | A2            | Butane                          | C1            | Calcium Oxide                      | B             |
| Barium Carbonate               | A2            | Butanol (Butyl Alcohol)         | C1            | Calcium Sulfate                    | B2            |
| Barium Chloride                | A1            | Buttermilk                      | A1            | Calcium Sulfide                    | A             |
| Barium Cyanide                 | D             | Butyl Amine                     | D             | Cane Juice                         | A1            |
| Barium Hydroxide               | A2            | Butyl Ether                     | A2            | Carbolic Acid (Phenol)             | D             |

|                            |    |                                 |    |                                 |    |
|----------------------------|----|---------------------------------|----|---------------------------------|----|
| Barium Nitrate             | A  | Butylacetate                    | D  | Carbon Bisulfide                | D  |
| Barium Sulfate             | B1 | Butylene                        | A1 | Carbon Dioxide (dry)            | A2 |
| Barium Sulfide             | A2 | Butyric Acid                    | B1 | Carbon Dioxide (wet)            | A1 |
| Beer                       | A2 | Calcium Bisulfide               | A2 | Carbon Disulfide                | D  |
| Beet Sugar Liquids         | A2 | Calcium Bisulfite               | B  | Carbon Monoxide                 | A2 |
| Benzaldehyde               | D  | Calcium Carbonate               | A2 | Carbon Tetrachloride            | D  |
| Benzene                    | C1 | Calcium Chlorate                | B2 | Carbonated Water                | A  |
| Benzene Sulfonic Acid      | A  | Calcium Chloride (30% in water) | C  | Carbonic Acid                   | A2 |
| Benzoic Acid               | A  | Calcium Chloride (saturated)    | A  | Catsup                          | A  |
| Bleach                     | A  | Calcium Hydroxide               | B  | Cellulose Acetate               | D  |
| Chloral Hydrate            | A  | Copper Nitrate                  | A2 | Dimethyl Formamide              | D  |
| Chloric Acid               | A2 | Copper Sulfate >5%              | A2 | Diphenyl Oxide                  | D  |
| Chlorine (dry)             | D  | Copper Sulfate 5%               | A2 | Disodium Phosphate              | A  |
| Chlorine Water             | A2 | Creosote                        | A  | Dyes                            | B  |
| Chlorine, Anhydrous Liquid | D  | Cresols                         | D  | Epsom Salts (Magnesium Sulfate) | A1 |
| Chloroacetic Acid          | B1 | Cresylic Acid                   | D  | Ethane                          | A1 |
| Chlorobenzene (Mono)       | D  | Cupric Acid                     | A2 | Ethanol                         | C  |
| Chlorobromomethane         | D  | Cyclohexane                     | D  | Ethanolamine                    | D  |
| Chloroform                 | D  | Cyclohexanone                   | D  | Ether                           | D  |
| Chlorosulfonic Acid        | D  | Detergents                      | A  | Ethyl Acetate                   | D  |
| Chromic Acid 10%           | A2 | Dextrin                         | A  | Ethyl Benzoate                  | D  |
| Chromic Acid 30%           | A1 | Dextrose                        | A  | Ethyl Chloride                  | D  |
| Chromic Acid 5%            | A2 | Diacetone Alcohol               | D  | Ethyl Ether                     | D  |
| Chromic Acid 50%           | D  | Dichlorobenzene                 | D  | Ethylene Bromide                | D  |
| Chromium Salts             | A  | Dichloroethane                  | D  | Ethylene Chloride               | D  |
| Cider                      | A  | Diesel Fuel                     | A1 | Ethylene Chlorohydrin           | D  |
| Citric Acid                | B2 | Diethyl Ether                   | D  | Ethylene Diamine                | D  |
| Copper Chloride            | A1 | Diethylamine                    | D  | Ethylene Dichloride             | D  |
| Copper Cyanide             | A2 | Diethylene Glycol               | C1 | Ethylene Glycol                 | A  |
| Copper Fluoborate          | A  | Dimethyl Aniline                | D  | Ethylene Oxide                  | D  |
| Fatty Acids                | A  | Furfural                        | D  | Hydrochloric Acid 20%           | A2 |
| Ferric Chloride            | A  | Gallic Acid                     | B  | Hydrochloric Acid 37%           | B  |
| Ferric Nitrate             | A  | Gasoline (high-aromatic)        | A  | Hydrochloric Acid, Dry Gas      | A2 |
| Ferric Sulfate             | A  | Gasoline, leaded, ref.          | B  | Hydrocyanic Acid                | B  |
| Ferrous Chloride           | A  | Gasoline, unleaded              | C2 | Hydrocyanic Acid (Gas 10%)      | A  |
| Ferrous Sulfate            | A  | Gelatin                         | B  | Hydrofluoric Acid 100%          | C  |
| Fluoboric Acid             | A  | Glucose                         | A2 | Hydrofluoric Acid 20%           | B  |
| Fluorine                   | D  | Glue, P.V.A.                    | C  | Hydrofluoric Acid 50%           | B1 |
| Fluosilicic Acid           | D  | Glycerin                        | A  | Hydrofluoric Acid 75%           | C  |
| Formaldehyde 100%          | A  | Glycolic Acid                   | B  | Hydrofluosilicic Acid 100%      | B1 |
| Formaldehyde 40%           | A  | Grape Juice                     | A  | Hydrofluosilicic Acid 20%       | A2 |
| Formic Acid                | A1 | Grease                          | A  | Hydrogen Gas                    | A2 |
| Freon® 11                  | A2 | Heptane                         | C1 | Hydrogen Peroxide 10%           | A1 |
| Freon® 113                 | B  | Hexane                          | B1 | Hydrogen Peroxide 100%          | A  |
| Freon® 12                  | A2 | Honey                           | A  | Hydrogen Peroxide 30%           | A1 |

|                               |    |                                    |    |                           |    |
|-------------------------------|----|------------------------------------|----|---------------------------|----|
| Freon® 22                     | A  | Hydraulic Oil (Petro)              | A  | Hydrogen Peroxide 50%     | A1 |
| Freon® TF                     | B  | Hydraulic Oil (Synthetic)          | A  | Hydrogen Sulfide (aqua)   | B1 |
| Fruit Juice                   | A  | Hydrobromic Acid 100%              | A1 | Hydrogen Sulfide (dry)    | A2 |
| Fuel Oils                     | A2 | Hydrobromic Acid 20%               | B2 | Hydroquinone              | B  |
| Furan Resin                   | A  | Hydrochloric Acid 100%             | D  | Hydroxyacetic Acid 70%    | D  |
| Ink                           | C  | Lithium Chloride                   | D  | Methane                   | B  |
| Iodine                        | A  | Lubricants                         | B2 | Methanol (Methyl Alcohol) | A1 |
| Iodine (in alcohol)           | A  | Lye: Ca(OH)2 Calcium Hydroxide     | B2 | Methyl Acetate            | D  |
| Iodoform                      | A  | Lye: KOH Potassium Hydroxide       | B  | Methyl Acetone            | D  |
| Isooctane                     | A1 | Lye: NaOH Sodium Hydroxide         | A  | Methyl Alcohol 10%        | A1 |
| Isopropyl Acetate             | D  | Magnesium Bisulfate                | A2 | Methyl Bromide            | D  |
| Isopropyl Ether               | B  | Magnesium Carbonate                | B  | Methyl Butyl Ketone       | A  |
| Isotane                       | A  | Magnesium Chloride                 | B  | Methyl Cellosolve         | D  |
| Jet Fuel (JP3, JP4, JP5, JP8) | C  | Magnesium Hydroxide                | A2 | Methyl Chloride           | D  |
| Kerosene                      | A2 | Magnesium Nitrate                  | A2 | Methyl Dichloride         | A  |
| Ketones                       | D  | Magnesium Sulfate (Epsom Salts)    | A1 | Methyl Ethyl Ketone       | D  |
| Lacquer Thinners              | D  | Maleic Acid                        | A2 | Methyl Isobutyl Ketone    | D  |
| Lacquers                      | D  | Malic Acid                         | A2 | Methyl Isopropyl Ketone   | D  |
| Lactic Acid                   | B1 | Manganese Sulfate                  | C  | Methyl Methacrylate       | A  |
| Lard                          | A1 | Mayonnaise                         | D  | Methylamine               | D  |
| Lead Acetate                  | B  | Melamine                           | D  | Methylene Chloride        | D  |
| Lead Nitrate                  | A2 | Mercuric Chloride (dilute)         | A  | Milk                      | A2 |
| Lead Sulfamate                | B  | Mercuric Cyanide                   | A  | Mineral Spirits           | A  |
| Lime                          | B  | Mercurous Nitrate                  | A  | Molasses                  | A  |
| Linoleic Acid                 | A2 | Mercury                            | A  | Monoethanolamine          | D  |
| Motor Oil                     | B  | Oils: Aniline                      | D  | Oils: Pine                | D  |
| Mustard                       | B  | Oils: Castor                       | A  | Oils: Rosin               | C1 |
| Naphtha                       | A1 | Oils: Cinnamon                     | D  | Oils: Sesame Seed         | A  |
| Naphthalene                   | D  | Oils: Citric                       | B  | Oils: Silicone            | A  |
| Natural Gas                   | A  | Oils: Coconut                      | A1 | Oils: Soybean             | A1 |
| Nickel Chloride               | A  | Oils: Cod Liver                    | A1 | Oils: Transformer         | B  |
| Nickel Nitrate                | A  | Oils: Corn                         | B  | Oils: Turbine             | A1 |
| Nickel Sulfate                | A  | Oils: Cottonseed                   | B2 | Oleic Acid                | C2 |
| Nitrating Acid (<1% Acid)     | D  | Oils: Creosote                     | C  | Oleum 100%                | D  |
| Nitrating Acid (<15% H2SO4)   | D  | Oils: Crude Oil                    | A  | Oleum 25%                 | D  |
| Nitrating Acid (<15% HNO3)    | D  | Oils: Diesel Fuel (20, 30, 40, 50) | B  | Oxalic Acid (cold)        | B  |
| Nitrating Acid (>15% H2SO4)   | D  | Oils: Fuel (1, 2, 3, 5A, 5B, 6)    | A2 | Ozone                     | B  |
| Nitric Acid (20%)             | A1 | Oils: Hydraulic Oil (Petro)        | A  | Palmitic Acid             | B1 |
| Nitric Acid (5 to10%)         | A1 | Oils: Hydraulic Oil (Synthetic)    | A  | Paraffin                  | B  |
| Nitric Acid (50%)             | B1 | Oils: Linseed                      | A2 | Pentane                   | A  |
| Nitric Acid (Concentrated)    | B1 | Oils: Mineral                      | B  | Perchloric Acid           | C  |
| Nitrobenzene                  | D  | Oils: Olive                        | C  | Perchloroethylene         | C1 |
| Nitromethane                  | B2 | Oils: Orange                       | C1 | Petrolatum                | B  |
| Nitrous Acid                  | A  | Oils: Palm                         | A  | Phenol (10%)              | C1 |
| Nitrous Oxide                 | A  | Oils: Peanut                       | A1 | Phenol (Carbolic Acid)    | D  |

|  |    |   |    |   |    |
|--|----|---|----|---|----|
| Phosphoric Acid (<40%)                                 | B  | Plating Solutions: Chromium: Black Chrome Bath 115°F            | A  | Plating Solutions: Iron: Sulfate-Chloride Bath 160°F  | D  |
| Phosphoric Acid (>40%)                                 | B  | Plating Solutions: Chromium: Chromic-Sulfuric Bath 130°F        | A  | Plating Solutions: Lead Fluoborate Plating            | A  |
| Phosphoric Acid (crude)                                | B2 | Plating Solutions: Chromium: Fluoride Bath 130°F                | A  | Plating Solutions: Nickel: Electroless 200°F          | D  |
| Phosphoric Acid (molten)                               | D  | Plating Solutions: Chromium: Fluosilicate Bath 95°F             | A  | Plating Solutions: Nickel: Fluoborate 100-170°F       | A  |
| Phosphorus   | A1 | Plating Solutions: Copper (Acid): Copper Fluoborate Bath 120°F  | A  | Plating Solutions: Nickel: High-Chloride 130-160°F    | D  |
| Phosphorus Trichloride                                 | D  | Plating Solutions: Copper (Acid): Copper Sulfate Bath R.T.      | A  | Plating Solutions: Nickel: Sulfamate 100-140°F        | A  |
| Photographic Developer                                 | A  | Plating Solutions: Copper (Cya- nide): Copper Strike Bath 120°F | A  | Plating Solutions: Nickel: Watts Type 115-160°F       | D  |
| Photographic Solutions                                 | A  | Plating Solutions: Copper (Cya- nide): High-Speed Bath 180°F    | D  | Plating Solutions: Rhodium Plating 120°F              | A  |
| Phthalic Anhydride                                     | D  | Plating Solutions: Copper (Cya- nide): Rochelle Salt Bath 150°F | D  | Plating Solutions: Silver Plat- ing 80-120°F          | A  |
| Picric Acid  | D  | Plating Solutions: Copper (Misc): Copper (Electroless)          | A  | Plating Solutions: Tin-Fluobo- rate Plating 100°F     | A  |
| Plating Solutions: Anti- mony Plating 130°F            | A  | Plating Solutions: Copper (Misc): Copper Pyrophosphate          | A  | Plating Solutions: Tin-Lead Plating 100°F             | A  |
| Plating Solutions: Arse- nic Plating 110°F             | A  | Plating Solutions: Gold: Acid 75°F                              | A  | Plating Solutions: Zinc: Acid Chloride 140°F          | A  |
| Plating Solutions: Brass: High-Speed Brass Bath 110°F  | A  | Plating Solutions: Gold: Cyanide 150°F                          | D  | Plating Solutions: Zinc: Acid Fluoborate Bath R.T.    | A  |
| Plating Solutions: Brass: Regular Brass Bath 100°F     | A  | Plating Solutions: Gold: Indium Sulfamate Plating R.T.          | A  | Plating Solutions: Zinc: Acid Sulfate Bath 150°F      | D  |
| Plating Solutions: Bronze: Cu-Cd Bronze Bath R.T.      | A  | Plating Solutions: Gold: Neutral 75°F                           | A  | Plating Solutions: Zinc: Alka- line Cyanide Bath R.T. | A  |
| Plating Solutions: Bronze: Cu-Sn Bronze Bath 160°F     | D  | Plating Solutions: Iron: Ferrous Am Sulfate Bath 150°F          | D  | Potash (Potassium Carbonate)                          | A  |
| Plating Solutions: Bronze: Cu-Zn Bronze Bath 100°F     | A  | Plating Solutions: Iron: Ferrous Chloride Bath 190°F            | D  | Potassium Bicarbonate                                 | A  |
| Plating Solutions: Cadmium: Cyanide Bath 90°F          | A  | Plating Solutions: Iron: Ferrous Sulfate Bath 150°F             | D  | Potassium Bromide                                     | A  |
| Plating Solutions: Cadmium: Fluoborate Bath 100°F      | A  | Plating Solutions: Iron: Fluobo- rate Bath 145°F                | D  | Potassium Chlorate                                    | A  |
| Plating Solutions: Chro- mium: Barrel Chrome Bath 95°F | A  | Plating Solutions: Iron: Sulfa- mate 140°F                      | A  | Potassium Chloride                                    | A  |
| Potassium Chromate                                     | A  | Salicylic Acid  | B1 | Sodium Hydrosulfite                                   | C  |
| Potassium Cyanide Solutions                            | A  | Salt Brine (NaCl saturated)                                     | A  | Sodium Hydroxide (20%)                                | A  |
| Potassium Dichromate                                   | A  | Sea Water   | A2 | Sodium Hydroxide (50%)                                | A  |
| Potassium Ferricyanide                                 | A  | Silicone  | A  | Sodium Hydroxide (80%)                                | A  |
| Potassium Ferrocyanide                                 | A  | Silver Nitrate  | A1 | Sodium Hypochlorite (<20%)                            | A  |
| Potassium Hydroxide (Caustic Potash)                   | A1 | Soap Solutions  | A  | Sodium Hypochlorite (100%)                            | B  |
| Potassium Hypochlorite                                 | B1 | Soda Ash (see Sodium Carbon- ate)                               | A  | Sodium Iodide   | A  |
| Potassium Iodide                                       | A2 | Sodium Acetate  | B1 | Sodium Metaphosphate                                  | A  |
| Potassium Nitrate                                      | A  | Sodium Benzoate   | B1 | Sodium Metasilicate                                   | A  |
| Potassium Permanganate                                 | A1 | Sodium Bicarbonate  | A2 | Sodium Nitrate  | A2 |
| Potassium Sulfate                                      | A2 | Sodium Bisulfate  | A2 | Sodium Perborate                                      | A2 |
| Potassium Sulfide                                      | A2 | Sodium Bisulfite  | A2 | Sodium Peroxide                                       | B2 |
| Propane (liquefied)                                    | A1 | Sodium Borate (Borax)   | A2 | Sodium Polyphosphate                                  | A1 |
| Propylene  | B1 | Sodium Bromide  | B2 | Sodium Silicate                                       | A2 |
| Propylene Glycol                                       | C1 | Sodium Carbonate  | A2 | Sodium Sulfate  | A2 |
| Pyridine   | D  | Sodium Chlorate   | A1 | Sodium Sulfide  | A2 |
| Pyrogalllic Acid                                       | A  | Sodium Chloride   | A2 | Sodium Sulfite  | A2 |
| Resorcinal   | C  | Sodium Cyanide  | A2 | Sodium Tetraborate                                    | A2 |
| Rosins   | C1 | Sodium Ferrocyanide   | A  | Sodium Thiosulfate (hypo)                             | A2 |
| Rum  | A  | Sodium Fluoride   | A2 | Stannic Chloride                                      | A2 |
| Stannous Chloride                                      | A1 | Tartaric Acid   | A1 | Vinyl Chloride  | D  |
| Starch   | A  | Tetrachloroethane   | C  | Water, Acid, Mine                                     | B  |
| Stearic Acid   | B2 | Tetrachloroethylene   | D  | Water, Deionized                                      | A2 |
| Stoddard Solvent                                       | C1 | Tetrahydrofuran   | D  | Water, Distilled                                      | A2 |
| Styrene  | D  | Tin Salts   | A  | Water, Fresh  | B  |

|                                     |    |                      |   |                          |    |
|-------------------------------------|----|----------------------|---|--------------------------|----|
| Sulfate (Liquors)                   | B  | Toluene (Toluol)     | D | Water, Salt              | B  |
| Sulfur Chloride                     | C1 | Tomato Juice         | A | Whiskey and Wines        | A2 |
| Sulfur Dioxide                      | A1 | Trichloroacetic Acid | B | White Liquor (Pulp Mill) | A2 |
| Sulfur Dioxide (dry)                | A2 | Trichloroethane      | C | White Water (Paper Mill) | A  |
| Sulfur Hexafluoride                 | B  | Trichloroethylene    | D | Xylene                   | D  |
| Sulfur Trioxide                     | A  | Tricresylphosphate   | D | Zinc Chloride            | B  |
| Sulfur Trioxide (dry)               | A1 | Triethylamine        | B | Zinc Sulfate             | A2 |
| Sulfuric Acid (<10%)                | A1 | Trisodium Phosphate  | A |                          |    |
| Sulfuric Acid (10-75%)              | A1 | Turpentine           | D |                          |    |
| Sulfuric Acid (75-100%)             | D  | Urea                 | D |                          |    |
| Sulfuric Acid (cold con- centrated) | D  | Uric Acid            | A |                          |    |
| Sulfuric Acid (hot con- centrated)  | D  | Urine                | A |                          |    |
| Sulfurous Acid                      | A2 | Varnish              | D |                          |    |
| Tannic Acid                         | A1 | Vinegar              | B |                          |    |
| Tanning Liquors                     | A1 | Vinyl Acetate        | D |                          |    |