

# CHEMICAL RESISTANCE CHART

## IMPAX 300 NON-SKID

Technical Bulletin # 677A

|                           | <u>%Conc.</u> | <u>300</u> |                           | <u>Conc.</u> | <u>300</u> |
|---------------------------|---------------|------------|---------------------------|--------------|------------|
| <b>ACIDS</b>              |               |            | <b>SALTS</b>              |              |            |
| <u>Inorganic</u>          |               |            | Alum                      | Sat'd.       | R          |
| Boric                     | ALL           | R          | Ammonium Chloride         | ALL          | S          |
| Hydrochloric              | 10            | R          | Ammonium Nitrate          | ALL          | S          |
|                           | 20            | R          | Copper Chloride           | ALL          | R          |
|                           | Conc.         | N          | Ferric Sulfate            | ALL          | R          |
| Phosphoric                | 20            | S          | Magnesium Sulfate         | ALL          | R          |
|                           | Conc.         | N          | Potassium Chloride        | ALL          | R          |
| Sulfuric                  | 25            | S          | Sodium Chloride           | ALL          | R          |
|                           | 50            | N          | Sodium Silicate           | ALL          | R          |
|                           |               |            | Zinc Chloride             | ALL          | R          |
| <u>Organic</u>            |               |            | Acetic                    | 10           | S          |
| <u>SOLVENTS</u>           |               |            | Acetone                   | 100          | N          |
|                           | 20            | N          | Benzene                   | 100          | N          |
| Benzoic                   | ALL           | R          | N-Butanol                 | 100          | R          |
| Butyric                   | ALL           | R          | Diethyl Ether             | 100          | S          |
| Chloroacetic              | 25            | N          | Ethanol                   | 100          | S          |
| Citric                    | 20            | R          | Ethylene Glycol           | 100          | R          |
|                           | 50            | S          | n-Heptane                 | 100          | R          |
| Lactic                    | 10            | R          | n-Hexane                  | 100          | R          |
|                           | 20            | R          | Glycerine                 | 100          | R          |
| Maleic                    | ALL           | N          | Methanol                  | 100          | N          |
| Oleic                     | ALL           | S          | Methylene Chloride        | 100          | N          |
| Stearic                   | ALL           | R          | Methyl Ethyl Ketone       | 100          | N          |
| Trichloroacetic           | 50            | N          | Naphtha                   | 100          | R          |
|                           |               |            | Toluene                   | 100          | S          |
| <u>Oxidizing</u>          |               |            | Turpentine                | 100          | N          |
| Chromic                   | ALL           | N          | Xylene                    | 100          | S          |
| Nitric                    | ALL           | N          |                           |              |            |
|                           |               |            | <b>PETROLEUM PRODUCTS</b> |              |            |
| <u>ALKALINE SOLUTIONS</u> |               |            | Crude Oil                 | 100          | R          |
| Ammonium Hydroxide        | 5             | R          | Sweet & Sour Diesel Fuel  | 100          | R          |
|                           | 10            | S          | Fuel Oil                  | 100          | R          |
|                           | 25            | N          | Gasoline, Regular         | 100          | R          |
| Calcium Hydroxide         | Sat'd.        | R          | Gasoline, Premium         | 100          | R          |
| Potassium Hydroxide       | 10            | R          | Gasoline, Unleaded        | 100          | R          |
|                           | 40            | S          | Gasohol                   | 100          | S          |
| Sodium Hydroxide          | 40            | R          | Jet Fuel                  | 100          | R          |
|                           |               |            | JP4                       | 100          | R          |
| <u>BLEACHES</u>           |               |            | JP5                       | 100          | R          |
| Calcium Hypochlorite      | Sat'd.        | N          | JP9                       | 100          | R          |
| Chlorine                  | Sat'd.        | N          | JP10                      | 100          | R          |
| Hydrogen Peroxide         | Dilute        | S          | RJ4                       | 100          | R          |
|                           | 30            | N          | Kerosene                  | 100          | R          |
| Sodium Hypochlorite       | ALL           | N          | Motor Oil                 | 100          | R          |

**NOTE:** R= Resistance to immersion

S= Resistance to splash and spillage that is cleaned up shortly after contact

N= Non-resistance to immersion

### ITW PHILADELPHIA RESINS

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