

MEGAPOXY Chemical Resistance

Megapoxy is a two part epoxy resin, which when properly cured is resistant to most chemicals. The exceptions are oxidising materials such as concentrated sulphuric and nitric acids, sodium hypochlorite and high strength hydrogen peroxide.

| Chemical | Standard | Acid Resistant | Chemical | Standard | Acid Resistant |
|---|---|----------------|---|---|----------------|
| Acetone | NR | NR | Hydrogen Sulphide | FR | FR |
| Acetic Acid - 5% | M-3 | M-3 | Hydrolic Fluid | NR | M-1 |
| Acetic Acid - 56% | NR | NR | Isobutyl Alcohol | NR | M-2 |
| Acetic Acid - 84% | NR | NR | JP - 4 Jet Fuel | M-2 | M-1 |
| Acetic Acid (Galacial) | NR | ND | JP - 5 Jet Fuel | M-2 | M-2 |
| Aluminum Chloride - 30% | NR | ND | Kerosene | NR | M-2 |
| Aluminum Nitrate - 50% | NR | ND | Latic Acid - 50% | NR | M-2 |
| Ammonium Chloride | FR | FR | Liquid Detergent | FR | FR |
| Ammonia Liquid | FR | FR | Linseed Fatty Acid | FR | FR |
| Ammonium Hydroxide - 30% | M-3 | M-2 | MEK | NR | NR |
| Ammonium Sulphate - 50% | NR | M-2 | Methanol | NR | NR |
| Barium Sulfate | NR | M-1 | Methelene Chloride | NR | NR |
| Beer | M-2 | FR | MIBK | NR | NR |
| Benzene | NR | NR | Mineral Spirits | NR | M-3 |
| Butyl Acetate | NR | M-3 | Methylated Spirits | FR | FR |
| Butyl Acetate (Normal) | NR | ND | Nitric Acid - 10% | NR | M-1 |
| Brake Fluid | M-3 | FR | Nitric Acid - 30% | NR | NR |
| Calcium Hydroxide | ND | M-2 | Nitric Acid - 55% | NR | NR |
| Calcium Hypochlorite | NR | M-3 | Oxalic Acid | NR | NR |
| Carbon Tetrachloride | NR | M-3 | Perchloroethylene | NR | NR |
| Chromic Acid - 1% | FR | FR | Petrol | FR | FR |
| Citric Acid - 5% | FR | FR | Phenol Benzyl Alcohol | NR | NR |
| Copper Nitrate | FR | FR | Phosphoric Acid - 10% | M-3 | M-1 |
| Cresylic Acid | NR | M-3 | Phosphoric Acid - 75% | NR | M-3 |
| Crude Oil | NR | M-3 | Phosphoric Acid - 85% | NR | M-3 |
| Cumene | NR | M-3 | Potassium Carbonate | FR | FR |
| Cutting Oil | NR | M-1 | Potassium Chloride | FR | FR |
| Disel Fuel | FR | FR | Skydrol 500B | M-2 | M-1 |
| Distilled Water - @40°C | FR | FR | Sodium Bi-Sulphate - 10% | FR | FR |
| Distilled Water - Boiling | NR | NR | Sodium Carbonate - 10% | FR | FR |
| Ethanol | NR | M-2 | Sodium Chlorate | FR | FR |
| Ethyl Acetate | NR | M-2 | Sodium Hydroxide - 50% | FR | FR |
| Ethylene Glycol | ND | M-1 | Sodium Hydroxide - 70% | NR | M-2 |
| Ferric Chloride | FR | FR | Sodium Hypochlorite - 10% | NR | M-1 |
| Ferric Sulfate | FR | FR | Soft Drinks | FR | FR |
| Formaldehyde - 37% | NR | M-3 | Styrene Monomer | FR | FR |
| Freon | ND | ND | Sulfuric Acid - 10% | FR | FR |
| Fuel Oil | ND | M-4 | Sulfuric Acid - 50% | M-3 | M-2 |
| Glucose | FR | FR | Sulfuric Acid - 70% | NR | NR |
| Glycerin | FR | FR | Sulfuric Acid - 98% | NR | NR |
| Heptane | NR | M-2 | Tartaric Acid - 5% | FR | FR |
| Hexane | NR | M-2 | Toluene | NR | M-3 |
| Hexalene Glycol | M-3 | M-1 | Turpentine | NR | M-3 |
| Hydrochloric Acid - 10% | M-2 | M-1 | Urine | NR | M-2 |
| Hydrochloric Acid - 36% | NR | S-2 | Vinegar | NR | NR |
| Hydrogen Peroxide - 5% | M-3 | M-1 | White Liquor | ND | ND |
| Hydrogen Peroxide - 30% | NR | M-2 | Xylene | NR | M-1 |
| Megapoxy Higher Acid Resistance Epoxies: Megapoxy H - AR | Legend: ND: No Data NR: Not Recommended FR: Full Resistance | | M-1: Splash and Spill with Weekly Cleanup M-2: Splash and Spill with 24 Hour Cleanup | M-3: Splash and Spill with Hourly Cleanup M-4: Splash and Spill with Immediate Cleanup | |

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