

# CHEMICAL RESISTANCE GUIDE



ENERFAB™  
LININGS GROUP

## ENERFAB™ LASTIGLAS™/MUNKADUR PL261 CHEMICAL RESISTANT COATING

|                        | Concentration | Rating |                      | Concentration | Rating |
|------------------------|---------------|--------|----------------------|---------------|--------|
| <b>Acids Organic</b>   |               |        | <b>Solvents</b>      |               |        |
| Acetic                 | 40%           | NR     | Formalin             |               | R      |
| Glaciel Acetic         | 100%          | NR     | Methanol             | 99%           | NR     |
| Citric                 | 40%           | LR     | Ethanol              | 99%           | NR     |
| Lactic                 | 50%           | NR     | Ethanol              | 20%           | R      |
| Lactic                 | 80%           | NR     | Isopropanol          | 99%           | LR     |
| Oxalic                 | 10%           | LR     | Isopropanol          | 20%           | R      |
| <b>Acids Inorganic</b> |               |        | Butanol              | 99%           | NR     |
| Hydrochloric           | 37%           | R      | Butyl Ether          | 99%           | R      |
| Hydrofluoric           | 35%           | R      | Butyl Acetate        | 99%           | LR     |
| Nitric                 | 10%           | R      | Acetone              |               | NR     |
| Nitric                 | 89%           | NR     | Methyl Ethyl Keytone |               | NR     |
| Phosphoric             | 40%           | NR     | Cyclohexane          |               | R      |
| Phosphoric             | 85%           | NR     | Ethylene Glycol      |               | R      |
| Sulfuric               | 10%           | LR     | Glycerol             |               | R      |
| Sulfuric               | 98%           | NR     | Chlorofrom           |               | NR     |
| <b>Alkali</b>          |               |        | Monochlorobenzene    |               | LR     |
| Ammonia Hydroxide      | 38%           | R      | Trichlorethylene     |               | NR     |
| Ammonia Hydroxide      | 10%           | R      | Ethylene Dichloride  |               | LR     |
| Potassium Hydroxide    | 50%           | R      | Methylene Chloride   |               | NR     |
| Potassium Hydroxide    | 10%           | R      | Carbon Tetrachloride |               | R      |
| Sodium Hydroxide       | 50%           | R      | Mineral Spirits      |               | LR     |
| Sodium Hydroxide       | 10%           | R      | Xylene               |               | LR     |
| <b>Miscellaneous</b>   |               |        | Tap Water            |               | R      |
| Brine                  |               | R      | Distilled Water      |               | R      |
| Phenol                 |               | NR     |                      |               |        |
| Gasoline               |               | LR     | Bleach               | 10%           | LR     |
| Gasohol                |               | LR     | D-Limonene           |               | R      |
| Diesel Oil             |               | R      | Iodophor             |               | R      |
| Motor Oil              |               | R      | Peracetic Acid       |               | NR     |
| Vegetable Juice        |               | R      | Soy Bean Oil         |               | R      |
| Cod Liver Oil          |               | R      | Lard                 |               | R      |
| Linseed Oil            |               | R      | Castor Oil           |               | R      |
| Tall Oil               |               | R      | Silicon Oil          |               | R      |
| Olive Oil              |               | R      | Soap Solution        | 10%           | R      |
| Milk                   |               | R      | Skydrol 500B         |               | LR     |
| Corn Oil               |               | R      | Beer                 |               | R      |
|                        |               |        | Wine                 |               | R      |
|                        |               |        | Whiskey              |               | R      |
|                        |               |        | Orange Juice         |               | R      |

R = Resistant

LR = Limited Resistance

NR = Not resistant

### NOTES:

This table should be used as a guideline to determine the resistance properties for LASTIGLAS/Munkadur PL261 Chemical exposure results are subject to environmental changes including elevation and/or fluctuation in temperature, synergistic effects from combining chemicals all of which can vary from project to project. Coating applied by plural component heated spray @ 25 mils on 3 mil profile steel and cured for 24 hours @ 77 degrees F/50% RH  
ASTM D-1308

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