

## IBC Chapter 18 Chemical Resistance Guide

### The Protective Lining for Superior Corrosion Resistance with Exceptional Toughness

**Resists:**

- Acids, Alkalies, Solvents, Oxidizing Agents
- Thermal Shock; -40 deg.F (-40 deg.C) to +400 deg.F (204 deg.C)
- Flex Stressing
- Wear and Abrasion
- Impact
- Under Creep Corrosion

**Data Interpretation:**

A = Good at Ambient Temperature (Or up to temperature listed {deg.C})

N = Not Recommended

- = Not Tested

Note: Certain chemicals may cause surface discoloration:

- Sulfuric acid may darken coating

- 10% Nitric may turn coating green

These are surface effects only, no absorption

Approximate original color may be regained by neutralization

Product Names	MarineLine	Pollution Category
Acetone	A	Z
Alcohol beverages, n.o.s.	A	Z
Apple Juice	A	OS
n-Butyl alcohol	A	Z
sec-Butyl alcohol	A	Z
Calcium nitrate solutions (50% or less) (a)	A	Z
Clay slurry	A	OS
Coal slurry	A	OS
Diethylene glycol	A	Z
Ethyl alcohol	A	Z
Ethylene carbonate	A	Z
Glucose solution	A	OS
Glycerine	A	Z
Glycerol monooleate (b)	A	Z
Hexamethyleneteramine solution	A	Z
Hexylene glycol	A	Z
Hydrogenated starch hydrolysate (a)	A	OS
Isopropyl alcohol	A	Z
Koalin slurry	A	OS
Lecithin (a)	A	OS
Magnesium hydroxide slurry	A	Z
Maltitol solution (a)	A	OS
N-Methylglucamine solution (70% or less)	A	Z
Methyl propyl ketone	A	Z
Molasses	A	OS
Noxious liquid,(11) n.o.s. (trade name... contains...) Cat. Z	A	Z
Non noxious liquid, (12) n.o.s. (trade name...contains...) Cat. OS	A	OS

Product Names	MarineLine	Pollution Category
Polyaluminium chloride solution	A	Z
Polyglycerin, sodium salt solution (containing less than 3% sodium hydroxide) (a)	A	Z
Potassium formate solutions	A	Z
Propylene carbonate	A	Z
Propylene glycol	A	Z
Sodium acetate solutions*	A	Z
Sodium sulphate solutions	A	Z
Sorbitol solution (a)	A	OS
Sulphonated polyacrylate solution (a)	A	Z
Tetraethyl silicate monomer/oligomer (20% in ethanol)	A	Z
Triethylene glycol	A	Z
Vegetable protein solution (hydrolysed) (a)	A	OS
Water	A	OS