

CHEMICAL RESISTANCE CHART FOR POLY-CAULK® 80A

The following chemical resistance data were obtained from a 70-75 mils film of POLY-CAULK®80A immersed in each chemical listed below at 70-75° F for a period of 3 days. Like other industrial maintenance coatings, POLY-CAULK®80A has chemical and temperature limitations. Please read the disclaimer below. For chemicals other than those listed below, proper testing must be completed prior to application of the coating system. It is advisable to consult your local Polycoat representative.

CHEMICAL SOLVENTS

MEK	4
MTBE	4
Toluene	3/4
Acetone	3
IPA	2

CHEMICAL SOLVENTS

Brake Fluid	4
Gasoline (unleaded)	3
Diesel	3
Skydrol	3
Methanol	2
Motor Oil	2
Hydraulic Oil	2

ACIDS and BASES

Sewage	1
Hydrogen Sulphide gas (H ₂ S gas)	1
Anti-Freeze	3
Hydrochloric Acid 10%	1
Hydrochloric Acid 5%	1
Propylene Carbonate	3
Acetic Acid, 10%	1
Phosphoric Acid, 10%	1
Ammonium Hydroxide 10%	1
Ammonium Hydroxide 20%	1
Salt Water (10%)	1
Drinking Water	1
De-Ionized Water	1

Sulphuric Acid 60%	4
Sulphuric Acid 30%	4
Sulphuric Acid 10%	1
Sulphuric Acid 5%	1
Potassium Hydroxide 10%	1
Potassium Hydroxide 20%	2
Sodium Hydroxide 10%	1
Sodium Hydroxide 20%	2
10% Sugar/Water	1
Clorox 10% Water	1
Hydrofluoric Acid	4
Sodium Bicarbonate (20%)	1
Vinegar 5% Water	1

CHART KEYS:

- 1: no visible damage
- 2: little visible damage, slight swelling
- 3: some effect swelling, discoloration, cracking
- 4: not recommended
- 5: satisfactory for splash, spillage and secondary containment (48-72 hours)

DISCLAIMER: All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. This information relates to the specific material designated and may not be valid for such material used in combination with any other material or in any process. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use and user assumes all risk and liability resulting from his use of the product. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer.

Test performance results were obtained in a controlled environment and POLYCOAT PRODUCTS makes no claim that these tests or any other tests, accurately represent all environments. Application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.

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POLYCOAT PRODUCTS

A Division of American Polymers Corp.
14722 Spring Avenue, Santa Fe Springs, CA 90670-5108 USA
TEL ● (562) 802-8834 INTERNET ● www.polycoatusa.com
FAX ● (562) 921-7363 E-MAIL ● sales@polycoatusa.com

POLY-CAULK® 80A
CHEMICAL RESISTANT