



CHEMICAL RESISTANCE FOR FRAC TANK CONTAINMENT

The following chart is a compilation of chemical resistance testing provided by the resin manufactures, testing by CORCHEM® and in-service field history and experience to provide guidelines for use of CORCHEM® 258 SOLVENTLESS NOVOLAC for frac tank containment.

Frac tank containment is define as portable, temporary storage steel tanks and vessels that have immersion and splash exposure to solvents, salt and oil field chemical solutions for less than 30 days at ambient to moderate temperature. *These recommendations are not for long term continuous immersion service or service at elevated temperatures.* **CONTACT CORCHEM FOR SPECIFIC RECOMMENDATIONS BEFORE PROCEEDING AND FOR LONG TERM CONTINUOUS IMMERSION SERVICE OR SERVICE AT ELEVATED TEMPERATURES.** This guideline requires a clean water rinse of the protective lining within 72 hours of emptying the contents of the frac tank.

The ratings are:

1. **Recommended** for use with no effect or minimal discoloration
2. **Suitable** – Some deterioration, staining or softening of the coating, but not to the substrate
3. **Not Suitable** – Do not use, contact CORCHEM® for additional information.

<u>CHEMICAL</u>	<u>258 Solventless Novolac</u>
Acetic Acid, Glacial	3
Acetic Acid, 1%	1
Acetic Acid, 5%	2
Acetic Anhydride	3
Acetone	2
Aluminum Chloride	1
Aluminum Nitrate	1
Aluminum Sulfate	1
Ammonia, 29%	1
Benzene	1
Butyl Alcohol	1
Calcium Chloride	1
Calcium Hydroxide	1
Calcium Nitrate	1
Calcium Sulfate	1
Chromic Acid, 1%	1
Chromic Acid, 50%	3
Citric Acid, 10%	1
Citric Acid, 50%	1
Copper Chloride	1
Copper Nitrate	1
Copper Sulfate	1
Diesel Fuel	1
Ethanol	1
Ethylene Dichloride	1
Ethylene Glycol	1
Ethyl Acetate	1
Ferric Chloride, 50%	1
Formaldehyde, 37%	1
Gasoline	1
Gasoline (Ethanol)	1
Gasoline (Methanol)	1
Gasoline (MTBE)	1
Hydrochloric Acid, 1-37%	1
Hydrochloric Acid 28% - Xylene	1

<u>CHEMICAL</u>	<u>258 Solventless Novolac</u>
Hydrofluoric Acid, 48%	3
Hydrogen Peroxide, 30%	3
Isobutyl Alcohol	1
Isopropyl Alcohol	1
Jet Fuel	1
Kerosene	1
Lubricating Oil & Grease	1
Methanol	1
Methyl Ethyl Ketone	2
Methylene Chloride	3
Naphthenic Acid	1
Nitric Acid, 1%	1
Nitric Acid, 70%	3
Nonylphenol	1
Perchlorethylene	1
Phosphoric Acid, 10%	1
Phosphoric Acid, 85%	1
Potassium Carbonate	1
Potassium Chloride	1
Potassium Hydroxide	1
Potassium Nitrate	1
Potassium Sulfate	1
Sodium Carbonate, 50%	1
Sodium Chloride (Brine)	1
Sodium Hydroxide, 50%	1
Sodium Hypochlorite, 5%	1
Sour Crude Oil	1
Sulfuric Acid, 1 to 50%	1
Sulfuric Acid, 93%	3
Sulfuric Acid, 98%	2
Tetrahydrofuran	3
Toluene	1
Trichlorethylene	1
Trichloroethane (1,1,1)	1
Xylene	1