



**CHEMICAL RESISTANCE CHART  
EF-100 NOVOLAC EPOXY SYSTEM**

TEST GROUP	1 Day Immersion	1 Day Spillage	3 Days Immersion	3 Days Spillage	7 Days Immersion	7 Days Spillage
Petrol containing max. 5 vol.-% bio alcohol	A/D	A	A/D	A	A/D	A/D
Aircraft fuel	A	A	A	A	A/D	A/D
Heating fuel / unused engine and lubricating oils	A	A	A	A	A	A
All hydrocarbons containing max. 5 vol.-% benzene, except petrol	A	A	A	A	A	A
Crude oil	A	A	A	A	A	A
Alcohols (max. 48 vol.-% Methanol), glycol ethers	A/D	A	A/D	A	B/D	B/D
Alcohols $\geq C_2$	A/D	A	A/D	A	A/D	B/D
Aliphatic and aromatic halogen hydrocarbons $\geq C_2$	A/D	A	A/D	A	B/D	C
Aromatic halogen hydrocarbons	A/D	A	A/D	A	A/D	C
All esters and ketones	A/D	A	A/D	A	A/D	B/D
Aromatic esters and ketones	A	A	A/D	A	A/D	A/D
Biodiesel	A/D	A	A/D	A	A/D	A/D
Watery solutions of aliphatic aldehydes (up to 40%)	A/D	A/D	A/D	A/D	A/D	A/D
Aliphatic aldehydes including their watery solutions	A/D	A	A/D	A	C	C
Watery solutions of organic acids (carbon acids) (up to 10%) including their salts (in watery solution)	A/D	A/D	C	A/D	C	C
Organic acids (Carbon acid) including their salts (in watery solution) except formic acid	B/D	A/D	C	A/D	C	C
Mineral acids (up to 20 %) and acidious hydrolysing salts (pH < 6)	A/D	A/D	A/D	A/D	A/D	A/D
Anorganic lyes and alkaline hydrolysing salts (pH > 8)	A	A	A	A	A/D	A/D
Watery solutions of anorganic, non-oxidizing salts (pH 6-8)	A	A	A/D	A/D	A/D	A/D
Amines and their salts (in watery solution)	A/D	A	A/D	A	A/D	B/D
Watery solutions of organic tensides	A	A	A	A	A	B/D
Watery solutions of organic tensides	A/D	A	A/D	A	A/D	B/D
Cyclic and acyclic ethers	B/D	A/D	C	A/D	C	C
Acyclic ethers	A/D	A	A/D	A	A/D	C
Lactic acid 30%	A/D	A/D	A/D	A/D	A/D	B/D
Lactic acid 80%	B/D	A/D	B/D	A/D	B/D	C
Hydrochloric acid HCl 37%	A/D	A/D	A/D	A/D	B/D	B/D
Nitric acid HNO <sub>3</sub> 30%	A/D	C	C	C	C	C
Nitric acid HNO <sub>3</sub> 40%	C	C	C	C	C	C



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Sulphuric acid H <sub>2</sub> SO <sub>4</sub> 60%	A/D	A/D	A/D	A/D	A/D	A/D
Sulphuric acid H <sub>2</sub> SO <sub>4</sub> 80%	A/D	A/D	A/D	A/D	A/D	A/D
Sulphuric acid H <sub>2</sub> SO <sub>4</sub> 96%	A/D	A/D	A/D	A/D	C	C
Phosphoric acid H <sub>3</sub> PO <sub>4</sub> 85%	B/D	B/D	B/D	B/D	B/D	B/D
Sodium-hypochlorite/ Bleach (up to 20%)	A/D	A/D	A/D	A/D	B/D	B/D
Acetone	A/D	A	A/D	A	C	C
Hydrofluosilicic acid (20-30 %)	A/D	A/D	A/D	A/D	B/D	B/D
Ethanol 100%	A/D	A	A/D	A	A/D	A/D
Chromic acid 50%	A/D	A/D	C	A/D	C	C
Acetic acid 60%	C	A/D	C	A/D	C	C
Zinc chloride 50%	A/D	A	A/D	A	A	A
Caustic Soda 50%	A	A	A	A	A	A
Ammonium solution 25%	A/D	A	A/D	A	A/D	A/D
Hydrogen-peroxide 30%	A/D	C	A/D	C	C	C
N-methyl-pyrrolidon	A/D	A/D	A/D	A/D	B/D	B/D
Methyl-methacrylate	A/D	A	A/D	A	A/D	C
Dimethyl-formamide	B/D	A/D	B/D	A/D	C	C
Sugar solution saturated	A	A	A	A	A/D	A/D

**A = Resistant**  
**B = Limited Resistant**  
**C = Not Resistant**  
**D = Discolouration a/o loss of gloss (irreversible)**