

All tests were carried out at 20°C (+/-5), based on specimens having a minimum dry film thickness of 400 microns for RMS Acidcheck & Bundcoat, and having been cured for a minimum period of 7 days at 20°C.



Excellent chemical resistance on long term immersion basis  
(typically 5-10 years)



Very good chemical resistance on a continuous immersion basis  
(typically 2-5 years)



Good chemical resistance on a continuous immersion basis  
(typically 1-2 years)



Moderate chemical resistance on a continuous immersion basis  
(typically 6 months – 1 year)



Fair chemical resistance on a continuous immersion basis  
(typically 1-6 months)



Resistance to splashes and occasional spillages




















NOT RESISTANT, rapid failure being expected







Note that although these tables may be used for guidance purposes, caution must be exercised when more than one chemical is involved and /or temperatures are higher than ambient.

Please contact our Technical department for any specific advice.

















The data is given freely and in good faith, however no guarantee is either offered or implied. RMS will accept no liability for work carried out with its products.











## SECTION 1 | ACIDS

Chemical	Concentration	Rating
Acetic acid	5%	
Acetic acid	10%	
Citric acid	30%	
Formic acid	10%	
Lactic acid	10%	
Tartaric acid	20%	
Oxalic acid	10%	
Chromic acid	10%	
Chromic acid	20%	
Hydrochloric acid	10%	
Hydrochloric acid	20%	
Hydrochloric acid	37%	
Hydrofluoric acid	10%	
Nitric acid	10%	
Nitric acid	30%	
Oleum (fuming Sulphuric acid)		
Phosphoric acid	20%	












Phosphoric acid	75%	
Phosphoric acid	100%	
Sulphuric acid	50%	
Sulphuric acid	70%	
Sulphuric acid	85%	
Sulphuric acid	96-99%	









## SECTION 2 | ALKALIS AND INORGANIC SALTS

Chemical	Concentration	Rating
Ammonium Carbonate	All	
Ammonium Chloride	All	
Ammonium Hydroxide	10%	
Ammonium Hydroxide	25%	
Ammonium Nitrate	All	
Ammonium Sulphate	All	
Calcium Hydroxide	All	
Ferric Chloride	All	
Magnesium Silico – Fluoride	All	
Magnesium Sulphate	Saturated	
Potassium Chloride	All	
Potassium Nitrate	All	
Sodium Bisulphite	Saturated	
Sodium Chlorate	All	
Sodium Dichromate	50%	
Sodium Hypochlorite	16%	














Sodium Hydroxide	20%	
Sodium Hydroxide	50%	
Sodium Sulphate	Saturated	
Sodium Sulphide	All	
Sodium Sulphite	All	
Sodium Thiocyanate	57%	
Sodium Thiosulphate	All	
Stannic Chloride	All	
Zinc Chloride	70%	
Zinc Sulphate	All	













## SECTION 3 | SOLVENTS

Chemical	Concentration	Rating
Acetone	10%	
Acetone	100%	
n-Butanol		
2 – Butoxy Ethanol		
Carbon Tetrachloride		
Dowanol PM		
Ethanol	10%	
Ethanol	98%	
Ethyl Acetate		
Ethylene Glycol		
Isopropanol		

Methanol		
Methylene Chloride		
Methyl Ethyl Ketone		
Petroleum Naphtha (heavy aromatic)		
Toluene		
1,1,1-Trichloroethane		
Turpentine		
Xylene		

## SECTION 4 | MISCELLANEOUS

Chemical	Concentration	Rating
Cashew Nut oil		
Castor oil		
Chlorine gas		
Chlorine water	Saturated	
Crude oil		
Diesel		
Formaldehyde	35%	
Glycerine		
Hydrogen Peroxide	30%	
Hydrogen Sulphide	100%	
Jet Fuel		
Kerosene		
Milk		

Motor oil		
2-Nitropropane		
Olive oil		
Ozone		
Palm oil		
Petrol		
Sea Water		
Skydrol		
Soy Sauce		
Styrene		
Urea	50%	
Whey		

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