



HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

www.hsmwire.com

Summary of Chemical Stability

Information is to be used as a guideline only.

Test Medium	PVC			Silicone			FEP		
	Bad	Medium	Good	Bad	Medium	Good	Bad	Medium	Good
Acetamide			6% / 20°C			x			x
Acetic Acid Anhydride	x					x			x
Acetic Acid Concentrate		x				x			x
Acetic Acid Ester	x					x			x
Acetone	x					x			x
Ammonia Concentrate			15%			x			10%
Benzole	x				x			200°C	
Benzyl Alcohol	x					x			x
Brake Fluid		x				x			x
Butanol	x				x				x
Butyl Acetate	x				x				x
Calcium Chloride		x							x
Calcium Hydroxide		x				x			x
Carbon Disulphine	x					x			x
Caustic Potash Solution	x	20%	6%	x					x
Chloroform	x			x					x
Dibutylether	x				x				x
Diesel Oil		x			x				x
Dimethylformamide	x					x			x
1,4 Dioxan	x				x				x
Engine Oil SAE 20	60°C	40°C			x				x
Engine Oil SAE 30	60°C	40°C			x				x
Ethanol	x					x			x
Fat, Vegetable	x					x			x
Formic Acid Concentrate	x					x			x
Gear Oil SAE 90	60°C	40°C				x			x
Glycol		x				x			x
Hexane	x				x				x
Hydrochloric Acid 10%			x		x				x
Hydrochloric Acid 30%			x		x				x
Hydrofluoric Acid 5%	x			x					-20°C
Hydrogen Peroxide 10%			x			x			x
Linseed Oil	x					x			x
Methanol	x				x				x
Methyl Methacrylate	x				x				x
Mineral Oil ASTM 1	60°C	40°C				x			x
Mineral Oil ASTM 2	60°C	40°C			x				x
Mineral Oil ASTM 3	60°C	40°C			x				x
Nitric Acid 5%			x		x				x
Nitric Acid 10%		x			x				x
Nitric Acid 65%	40°C	20°C		x					40°C
Olive oil	x					x			x
Pedrol	x				x				x
Potassium Bichromate 20%			x			x			95°C
Paraffin Oil	x			x					x
Petroleum Ether	x			x					x
Phenol	x					x			x



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	Bad	Medium	Good	Bad	Medium	Good	Bad	Medium	Good
Phosphoric Acid 30%		x				x			x
Phosphoric Acid 50%		x				x			x
Phosphoric Acid 85%		x				x			x
Phthalic Acid Anhydride	x					x			x
Silicone Oil AK 100	x				x				x
Silicone Oil AK 350	x				x				x
Silicone Oil AK 500	x				x				x
Silicone Oil AK 12500	x					x			x
Silicone Oil AP 100	x				x				x
Silicone Oil AP 500	x					x			x
Silicone Oil AR 20	x				x				x
Silicone Oil AR 200	x				x				x
Sodium Carbonate	x					x			x
Sodium Chlorate 20%	x					x			x
Sodium Chloride Solution 10%			x			x			x
Sodium Hydroxide 10%			4%			x			x
Sodium Hydroxide 30%		x				x			x
Sodium Hydroxide 50%		x			x				x
Sodium Hypochlorite		x							x
Sodium Perchlorate 20%	x					x			x
Sulfuric Acid 10%		x				x			x
Sulfuric Acid 60%		x		x					x
Tetrachloroethylene					x				x
Tetrachloromethane	x				x				x
Tetrahydrofuran	x								
Toluene	x				x				x
Transformer Oil	60°C	40°C				x			x
Trichloroethylene	x					x			x
Vaseline	x					x			x
Washing Powder Solution 1%		60°C	x			x			x
Xylene	x				x			x	

Last Updated: 06/24/2013

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