

Data sheet

Sheet No.: A4.204.021 Rev.A

Date: November 2009

CHEMICAL RESISTANCE LIST FOR CSR COATING

CSR

Inorganic chemicals

1	Ammonium hydroxide (10%)	2
1	Calcium chloride (~50%)	3
3	Chlorine	1
3	Chromic acid	1
3	Hydrofluoric acid (50%)	1
1	Caustic potash solution (10%)	3
1	Sodium hypochlorite (saturated)	2
1	Caustic soda solution (10%)	1
1	Caustic soda solution (saturated)	2
1	Phosphoric acid (10%)	1
1	Phosphoric acid (50%)	

Organic chemicals

3	Acetone	1	Glycerine
3	Acetonitrile	1	Hexane
3	Aniline	1	Isocetane
2	Benzene	1	Isopropanol
1	n-Butanol	1	Methanol
3	Butyl acetate	3	Methylene chloride
3	Chlorobenzene	3	Methyl ethyl ketone
3	Chloroforme	3	N.N-Dimethylformamide
3	o-Chlorophenol	3	N-Methylpyrrolidon
1	Cyclohexane	1	Oxalic acid
3	Cyclohexanone	1	Perchloroethylene
3	1,2-Dichloroethane	1	Petroleum ether
2	Diethyl ether	3	Phenol
2	Dioxane	1	Carbon bisulphide
1	Glacial acetic acid	1	Turpentine
1	Ethanol	2	Tetrachloroethane
3	Ethyl acetate	2	1,1,1-Trichloroethane
1	Ethylene glycol	1	Tetrachloromethane
1	Formaldehyde	3	Trichloroethylene
2	Freon 11	2	Toluene
2	Freon 22	1	Xylene
1	Excellent		
2	Limited resistance; it is recommended to perform field tests under the specified conditions.		
3	Not recommended		

Fuels/lubricants

1	Two-star petrol (50°C)
1	Four-star petrol (50°C)
1	Fuel M 15 (50°C)
1	Diesel oil
1	Kerosene
1 to 2	Hypoid bevel gear oil Shell Spirax HD 90 (150°C)
1	Transmission oil Shell Spirax MA 80 (150°C)

Chemicals

1	Automatic transmission fluid Shell Dextra 11D 20-137 (150°C)
1	Engine oil, mineral, Mihag 1500-40 (150°C)
1	Engine oil, synthetic, Mobil SHC 10 W-40
3	Brake fluid Hydraulan DOT 4
1	Roller bearing grease DIN 51 825

Technical detergents

2	Genkeene
2	1,1,1- Trichloroethane
2	Triklone A
2	Perchloroethylene

Miscellaneous fluids

1	Glysantin (BASF)/water
1	Plasticizer DOP
1	Suds
1	Washing-up liquids
1	Household detergents
1	Linseed oil
1	Milk
1	Soapsuds
1	Silicone oils

Note: This list has been composed with great care. However, EL-O-MATIC cannot be held responsible, either for any errors in this list or for their consequences. Because of continued testing this list is subject to change without notice.

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