

## ROMPOX<sup>®</sup> 1107 ESD Coating

Tested substance	12 hrs.	48 hrs.	7 days	50 days
Ammonia 25 %	+	+	+	+
Ammonia 10 %	+	+	+	+
Ammonia 5 %	+	+	+	+
Chloroform conc.	-	-	-	-
Chloroform 50 %	+	+	+	+0
Chrome oxide 50 %	-	-	-	-
Chrome oxide 20 %	x	x	x	x
Chrome oxide 10 %	x	x	x	x
Chrome oxide 5 %	x	x	x	x
Citric acid 20 %	x	x	x	x
Citric acid 10 %	x	x	x	x
Citric acid 5 %	x	x	x	x
Acetic acid 10 %	+	+	+	x
Acetic acid 5 %	+	+	+	x
Ethanol	+	+	x	ooo
Formaldehyde raw solution 36,5 %	+	+	+	+
Formaldehyde raw solution 10 %	+	+	+	+
Potassium hydroxide 10 %	+	+	+	+
Potassium hydroxide 50 %	+	+	+	+
Lactic acid 1 %	x	x	x	x
Lactic acid 5 %	x	x	x	x
MPA	+	+	+	ooo
Sodium hydroxide 10 %	+	+	+	+
Sodium hydroxide 50 %	+	+	+	+
Sodium chloride 5 %	+	+	+	+
Sodium chloride 30 %	+	+	+	+
Sodium chloride 50 %	+	+	+	x
Ortho – Phosphoric acid 85 %	x	x	-	-
Ortho – Phosphoric acid 42,5 %	x	x	xx	xx
Ortho – Phosphoric acid 20 %	x	x	xx	xx
Ortho – Phosphoric acid 10 %	x	x	xx	xx

## Page 2 of chemical resistance list for ROMPOX® 1107 ESD Coating

Tested substance	12 hrs.	48 hrs.	7 days	50 days
Oxalic acid 5 %	x	x	x	x
Oxalic acid 10 %	x	x	x	x
Nitric acid 65 %	-	-	-	-
Nitric acid 32,5 %	x	x	x	xx
Nitric acid 16 %	x	x	xx	xx
Nitric acid 8 %	x	x	x	x
Hydrochloric acid 37 %	x	x	x	-
Hydrochloric acid 20 %	x	x	x	x
Hydrochloric acid 10 %	x	x	x	x
Hydrochloric acid 5 %	x	x	x	x
Sulphuric acid 96 %	-	-	-	-
Sulphuric acid 50 %	x	x	x	x
Sulphuric acid 25 %	x	x	x	x
Sulphuric acid 10 %	x	x	x	x
Sulphuric acid 5 %	x	x	x	x
Hydrogen peroxide 3 %	+	+	+	+
Xylol	+	+	+	+

### Key:

Non resistant:	-
Resistant:	+
Resistant / discolouration:	x
Resistant / discolouration /slight bubble formation:	o
Discolouration / softening:	oo
Discolouration / slight damage:	xx
Softening:	ooo

#### NOTE:

Our recommendations, which are given to assist buyers & end users, are based on experience and correspond to the current levels of knowledge in science and practice, however they are not binding and have no legal force. It is recommended adapting methods and quantities of product to the local needs.  
(Issue 2006-08-09) REV 01

CB\_GB\_ROMPOX\_1107.doc