

ZENECA PROCESS TECHNOLOGYPROCESS HAZARDS SECTIONFIRE AND EXPLOSION CHARACTERISTICS

HT 98/201

1	Material Name	:	<u>CHEMCO VINYL ESTER CONDUCTIVE RESIN</u>
	Alternative Names	:	RB300 CC
2	Sample Reference (No etc)	:	Samples Nos. 1 to 4
3	Composition / Formulation	:	Vinyl ester resin on steel
4	Particle Size	:	N/A
5	Type of Sample	:	Supplier's Test Sample
6	Source of Sample	:	Chemco International Ltd
7	Health Hazards of the Material	:	None
8	Plant & Operations Involving the Material	:	Column lining
9	Maximum Exposure Temperature/Time	:	100°C / Continuous
10	Purpose for Which Testing is Required	:	Hazard Assessment
11	PTD Cost Code	:	09109700
12	Report distribution	:	K Hill, Pyrimidines Grangemouth J Convoy, Pyrimidines Grangemouth
13	Originator of Request Department / Site	:	Derek Clark Maintenance.Grangemouth
14	Assessor	:	GR Astbury
15	Assessment Reference No.	:	SB06375
16	Date Request Submitted	:	8 <sup>th</sup> Sept 1998
17	Date Required by	:	

FIRE & EXPLOSION CHARACTERISTICSELECTRICAL RESISTANCE

**Test Method :** Specification for Electrically Conducting Rubber Flooring, BS3187,1978, Appendix D. (Based on Work Instruction HPS6610) except that a liquid coating was not used on the positive electrode.

Relative Humidity	25%
Temperature	25°C
Test Potential	1v, 85v, 500v

**Results:**

Test Sample 1	<10 <sup>4</sup> Ω
Test Sample 2	<10 <sup>4</sup> Ω
Test Sample 3	<10 <sup>4</sup> Ω
Test Sample 4	<10 <sup>4</sup> - <10 <sup>8</sup> Ω

Written and Approved by:-



Date : 9 September, 1998

M Bailey

**Notes**

The results given in this report apply to the sample tested. Changes in composition / formulation, particle size or moisture content, etc may effect the results.

Process Hazards Section Intranet Website :

<http://ukbx09/ptd hazards/welcome page.htm>