



INTERNAL CORRESPONDENCE

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R. N. WHEELER, JR.

CHEMICALS AND PLASTICS

P. O. BOX 471, TEXAS CITY, TEXAS 77590

TO (NAME) Mr. M. E. Eisenhour
COMPANY
LOCATION TEXAS CITY PLANT

DATE August 5, 1974

COPY TO Dr. W. B. Ackart - 312
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Mr. R. E. Graebert - 511
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SUBJECT Residual VCM Content of
Suspension Vinyl Resins

Attached in Table I is a summary of the VCM content of the suspension vinyl resins produced during July, 1974. The data continue to confirm that the continuous stripping of suspension resins since May has resulted in an overall reduction in the residual VCM content of all resin types. Some inconsistencies in the stripping/drying area continue to be observed, particularly with QSAN-7. A detailed tabulation of the resins produced during July is provided in Tables II - V.

R. M. Arnold

RMA/sn

Attachment

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TABLE I
REVIEW OF VCM DATA OF SUSPENSION VINYL RESINS

Resin Type	Production Period	No. Blends Analyzed	% Blends			Average VCM, ppm
			<100 ppm	100-500 ppm	>1000 ppm	
QSAN-7	June, 1974	96	26	53	9	351
	July, 1974	88	22	59	8	365
QSQH-7	April-May, 1974	51	0	73	4	400
	July, 1974	16	0	88	0	343
QSAH-7	May, 1974	20	0	5	50	1125
	July, 1974	18	6	17	17	724
VSJE-10	May, 1974	8	0	50	13	511
	July, 1974	14	0	93	0	281

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TABLE II

ANALYSIS OF SUSPENSION VINYL RESIN QSAN-7 FOR RESIDUAL VCM

Blend No.	Date	Container	VCM, ppm	Blend No.	Date	Container	VCM, ppm
B-5404	7-8	900	167	B-5463	7-21	683	135
B-5406	7-9	55252	153	B-5465	7-19	765	431
"	"	"	3	B-5468	"	630	2660
"	"	"	177	B-5470	"	324	197
B-5408	"	"	172	B-5473	7-22	729	1213
B-5410	7-8	655	295	B-5475	7-23	627	122
B-5412	"	857	425	B-5477	7-20	582	154
B-5414	"	826	172	B-5478	"	345	450
B-5416	7-10	496	146	B-5480	7-22	702	95
B-5418	7-11	714	600	B-5482	7-23	501	137
B-5420	7-12	532	1558	B-5484	"	286	213
B-5422	7-16	57100	156	B-5486	7-25	159	269
"	"	"	288	B-5489	7-20	329	1837
"	"	"	485	B-5490	7-21	841	447
"	"	"	527	B-5492	7-22	311	514
B-5424	7-13	566	85	B-5494	7-23	707	737
B-5426	"	757	121	B-5496	7-24	565	323
B-5428	7-19	57101	246	B-5499	7-27	103	321
"	"	"	79	B-5500	7-24	496	84
"	"	"	22	B-5502	"	768	324
"	"	"	37	B-5504	"	842	921
B-5430	7-13	642	292	B-5506	7-26	701	90
B-5432	"	711	244	B-5508	7-25	295	167
B-5434	7-15	567	183	B-5510	"	55257	387
B-5436	7-16	806	28	"	"	"	941
B-5438	7-13	883	176	"	"	"	1593
B-5440	7-15	860	240	"	"	"	237
B-5444	"	672	295	B-5572	"	549	231
B-5446	7-13	825	264	B-5514	"	678	1138
B-5448	7-15	525	157	B-5516	7-26	301	404
B-5450	7-18	57029	89	B-5519	"	597	34
"	"	"	106	B-5521	"	512	268
B-5452	7-17	517	93	B-5522	7-29	57070	81
B-5454	"	649	347	"	"	"	86
B-5456	7-20	55392	109	"	"	"	66
"	"	"	115	"	"	"	56
"	"	"	709	B-5524	7-27	548	77
B-5458	7-18	647	62	B-5526	7-30	609	141
B-5460	7-19	302	520	B-5528	7-31	595	360

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TABLE II (Continued)

ANALYSIS OF SUSPENSION VINYL RESIN QSAN-7 FOR RESIDUAL VCM

<u>Blend No.</u>	<u>Date</u>	<u>Container</u>	<u>VCM, ppm</u>
B-5529	7-30	147	1375
B-5531	7-27	327	642
B-5533	7-28	702	183
B-5535	7-27	532	642
B-5537	7-29	631	300
B-5539	"	461	153
B-5540	7-30	769	380
B-5542	7-31	780	225
B-5544	"	586	254
B-5546	8-1	672	89

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TABLE III

ANALYSIS OF SUSPENSION VINYL RESIN QSAH-7 FOR RESIDUAL VCM

<u>Blend No.</u>	<u>Date</u>	<u>Container</u>	<u>VCM, ppm</u>
B-1664	7-3	688	1917
B-1666	7-4	774	515
B-1668	"	679	621
B-1670	7-5	557	789
B-1672	"	902	1144
B-1674	"	695	548
B-1676	7-7	739	633
B-1678	7-8	849	940
B-1680	"	300	79
B-1682	7-9	893	754
B-1684	"	664	555
B-1686	"	460	328
B-1688	7-10	763	253
B-1690	"	619	818
B-1692	"	695	787
B-1694	7-11	510	639
B-1696	"	464	202
B-1698	"	373	1501

TABLE IV
ANALYSIS OF SUSPENSION VINYL RESIN QSQH-7 FOR RESIDUAL VCM

<u>Blend No.</u>	<u>Date</u>	<u>Container</u>	<u>VCM, ppm</u>
B-796	7-13-74	574	113
B-798	"	652	376
B-800	7-14	826	124
B-802	"	553	117
B-804	"	872	309
B-806	"	845	800
B-808	7-15	807	375
B-810	"	378	242
B-812	7-16	861	338
B-814	"	172	473
B-816	7-17	395	226
B-818	7-18	865	916
B-820	"	621	404
B-822	"	315	293
B-824	7-19	566	147
B-826	"	596	227

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TABLE V
ANALYSIS OF SUSPENSION VINYL RESIN VSJE-10 FOR RESIDUAL VCM

Blend No.	Date	Container		VCM, ppm
B-530	7-12	55238	A	189
"	"	"	B	298
"	"	"	CA	313
"	"	"	CB	141
B-534	7-16	55243	A	427
"	"	"	CA	429
"	"	"	CB	287
B-542	7-28	44004	A	287
"	"	"	B	325
"	"	"	CA	306
B-544	7-29	619		358
B-546	7-31	693		397
B-548	"	805		505
B-550	"	328		238

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