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RESIDUAL VCM ANALYSIS OF TEXAS CITY
VINYL RESIN PRODUCTION
AUGUST, 1975

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Attached in Table I is a summary of residual VCM levels in suspension vinyl resins produced during the month of August. A slight increase in VCM content of QSQH-7 production was noted as compared to the previous production in June. A slight decrease in VCM content of VSJE-10 was also noted.

Individual bin and blend VCM data for each suspension type produced during the month are shown in Tables II-VIII. Also shown in Tables IX and X are residual VCM levels in VYNW/QYNL and VYDS blends, respectively, which were produced during the month. All solvent bins produced since the unit start-up in mid-August analyzed <1 ppm, as did all VYDS blends produced during the month.

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Attachments

RESINS LABORATORIES
UNION CARBIDE CORPORATION
CHEMICALS AND PLASTICS DIVISION
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TABLE I

SUMMARY OF VCM ANALYSIS OF SUSPENSION VINYL RESINS

<u>Resin Type</u>	<u>VCM, ppm</u>		<u>% Blends <100 ppm</u>	<u>% VCM Reduction from Blending</u>
	<u>Bin</u>	<u>Blend</u>		
QSAN-7	381	244	44	36
QSQH-7	425	171	63	60
VSJE-10	1141	479	0	58

TABLE II

QSAN-7 BLEND ANALYSIS FOR VCM CONTENT

<u>Blend Number</u>	<u>Date</u>	<u>VCM, ppm</u>
B-6374	8-10	270
B-6377	8-13	1386
B-6378	8-18	173
B-6379	8-17	32
B-6380	8-15	<1
B-6381	8-15	78
B-6382	8-18	134
B-6383	8-15	16
B-6384	8-18	107

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TABLE III

QSQF BLEND ANALYSIS FOR VCM CONTENT

<u>Blend Number</u>	<u>Date</u>	<u>VCM, ppm</u>
B-328	8-1	85
B-330	8-1	394
B-331	8-1	43
B-332	8-4	455

TABLE IV

QSQH-7 BLEND ANALYSIS FOR VCM CONTENT

<u>Blend Number</u>	<u>Date</u>	<u>VCM, ppm</u>
B-933	8-3	120
B-934	8-3	1147
B-935	8-3	109
B-936	8-5	42
B-937	8-3	1106
B-938	8-3	44
B-939	8-3	88
B-940	8-5	23
B-941	8-5	38
B-942	8-6	69
B-943	8-6	99
B-944	8-7	51
B-945	8-8	22
B-946	8-7	54
B-947	8-8	508
B-948	8-11	26
B-949	8-11	66
B-950	8-10	140
B-951	8-11	292
B-953	8-11	82
B-954	8-13	48
B-955	8-13	27
B-956	8-14	120
B-957	8-14	58
B-958	8-15	165
B-959	8-18	111
B-960	8-18	35
B-961	8-18	363
B-962	8-18	26
B-963	8-27	44

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TABLE V

VSJE-10 BLEND ANALYSIS FOR VCM CONTENT

<u>Blend Number</u>	<u>Date</u>	<u>VCM, ppm</u>
B-776	8-1	346
B-783	8-1	545
B-785	8-1	555
B-786	8-1	566
B-788	8-1	519
B-789	8-1	590
B-790	8-5	417
B-791	8-3	291
B-792	8-3	466
B-793	8-3	572
B-794	8-5	563
B-795	8-5	586
B-797	8-5	446

TABLE VI

QSAN-7 BIN ANALYSIS FOR VCM CONTENT

<u>Bin Number</u>	<u>Date</u>	<u>VCM, ppm</u>
703	8-6	539
702	8-8	1001
706	8-7	427
402	8-7	5
708	8-8	1148
701	8-10	552
704	8-10	618
704	8-12	70
701	8-12	21
709	8-14	72
702	8-15	41
706	8-15	171
708	8-14	395
703	8-15	274

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TABLE VII

QSQH-7 BIN ANALYSIS FOR VCM CONTENT

<u>Bin Number</u>	<u>Date</u>	<u>VCM, ppm</u>
604	8-2	1631
602	8-2	515
606	8-2	144
606	8-1	157
603	8-2	175
601	8-1	3674
606	8-1	194
606	8-3	209
602	8-4	252
601	8-3	142
606	8-5	214
603	8-4	159
604	8-6	113
608	8-8	407
609	8-8	471
601	8-10	298
608	8-9	289
606	8-10	286
601	8-12	101
607	8-12	52
601	8-13	16
602	8-13	171
609	8-14	406
608	8-15	211
606	8-16	335

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TABLE VIII

VSJE-10 BIN ANALYSIS FOR VCM CONTENT

<u>Bin Number</u>	<u>Date</u>	<u>VCM, ppm</u>
709	8-1	899
701	8-2	1570
704	8-1	1211
708	8-2	1360
706	8-2	969
702	8-3	1060
706	8-4	1244
705	8-3	1103
708	8-3	1280
704	8-4	709

TABLE IX

QYNL/VYNW BLEND ANALYSIS FOR VCM CONTENT

	<u>Blend Number</u>	<u>Date</u>	<u>VCM, ppm</u>
VYNW	B-3883	8-20	9.8
	B-3884	8-16	1.7
	B-3885	8-16	1.7
QYNL	B-1452	8-3	2.2
	B-1453	8-8	0.6
	B-1454	8-8	<0.5
	B-1455	8-15	<0.5

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TABLE X

VYDS BLEND ANALYSIS FOR VCM CONTENT

<u>Type</u>	<u>Blend Number</u>	<u>VCM, ppm</u>
Regular	B-775	0.30
Rule 66	B-776	<0.2
Regular	B-777	<0.2
Rule 66	B-778	<0.2
Regular	B-779	<0.2
Regular	B-780	<0.2
Regular	B-781	0.50

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