

NATIONAL LEAD CO. OF OHIO — HEALTH & SAFETY DIVISION

No 1002

Industrial Hygiene or Medical Dept.

Analytical Chemistry Dept.

I. H.# _____ Sample Nos. 1-9 Date Collected 12/22/54 by RCM Route to RCM

Date Received 12-29-54

Location Washrite - Indianapolis Type of Sample Solvent Analyzed for U.

Date Reported 2-6-55

Remarks _____

Method of Analysis Fluorimetry

Stoddard's Solvent (Flammable) - grams/liter

115-114-85

Lint may contain U. turnings - mg/g

Counting Date:

BKGD. _____ GEO _____

Sample No.	Hour	Sample Description	R	T	Q	ml. in ml.	g./sample	mg/g	g/l.
1		Cooling water from solvent condenser	—	—		810	.000009	—	.00001107
2		Solvent after 1st drop & 1st filter				315	.000000	—	.000227
3		Solvent to Washer for 1st break				195	.006318	—	.032218
4		Distilled Solvent				330	.00156	—	.0047268
5		Solvent from 1st drop - not filtered				435	.002477	—	.006695
6		Solvent from 2nd filter				315	.008302	—	.0257262
7		Solvent from 2nd break				435	.015165	—	.0348795
8		1st Lint Sample				grams 2.7149	total mg. 280.300	96.1	
9		2nd " "				used. 3.8929	1011.000	298.	

CAUTION

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Industrial Hygiene or Medical Dept.	Analytical Chemistry Dept.
I. H.# <u>582</u> Sample Nos. _____ Date Collected <u>2-27-54</u> RHS Route to <u>RHS</u>	Date Received <u>4-7-54</u> by Lab _____
Location <u>Wash-Rite Co.</u> Type of Sample <u>Solvent</u> Analyzed for <u>µ g/liter</u>	Date Reported <u>4-7-54</u> by Lab _____
Remarks <u>Glove test at Wash-Rite Company, Indianapolis, Ind.</u>	Method of Analysis <u>Fluorimeter</u>
	by Lab _____
	Counting Data:
	BKGD _____ GEO _____

Sample No.	Hour	Sample Description	R	T	Q	7d1	G7L
1		From clean tank before test starts--newly installed tank				250	0.000552
2		From cleaned tank before test starts--used in previous test				225	0.000227
3		From vest tank that does not go back into washer until first distilled. Little boiled over before.				240	0.007918
4	Washer Full	From center tank that does not go back into washer until it has first been distilled.				240	0.006728
5		From other distilled tank--was not used in washer on this wash				248	0.010144
6		From washer on first break directly to hold tank				230	1.00026
7		Before wash is begun from washer				250	0.000212
8		During wash from washer to filter				250	0.006585
9		Coming to washer from filter				280	0.007138
10	Second Washer Full	Coming into washer - 1st break - 2nd washer				250	0.010000
11		From washer on first break directly to hold tank				250	1.081500
12		Before wash is begun from washer				250	0.007196
13		During wash from washer to filter				250	0.000000
14		Coming to washer from filter				250	0.000225
15		From bottom of still hold tank before distilling				250	0.108768
16		From distilled solvent tank				230	0.000000
17		From tank that had been filtered before going into still				220	0.115875