STENOGRAPHER'S NOTE BOOK

E. E. SWAIN

No. 21

FROM	2-28-74
TO	4-9-74

Re-Order From Stationery & Forms, Wilmington

6-61

N38255

155-207

AU Scancella

FEB 28 1974

E.E.S.

Ray Dunfee

abriss 264

Dec TD73

G134 Parlin 1891
Phila 10,513
SSF 2,678
Toledo 21,665
36,757

~~G-227~~

37
140
47
224

G-1152

G-227 — Toledo 139,924

~~G-227~~

G-1152 Olt

G-1141 Vinylite UMCC
Parlin 1,360
SSF 1,131
Toledo 45,047

Paul Wills

KG-7076 acrylonitrile PVCl copolymer
Firestone
make dist SbO -

DUP050049240

CFR -

travel ~~[illegible]~~ FGriffiths travel exp. FEB 28 1974 E.E.S.

7351 - 134 - 12

not for gen'l project

Paul Wills X 321

Tell union man -

working on since BFG 1st ann.

asked all suppliers for monomer contents

anal. for VC at ML.

only info. so far < 1.5 ppm VC

Haskell says < 100 ppm OK

in interim to be doubly safe

sug. no skin contact

use syn. gloves

respirator

call empl. rel. - for lab + tell them also

G-99- 20 Upsyl UHHH-4 10 Phil 10 Moberly

G-116 13 M. Parlin

G134 37 M lb 10 Phila 21 Toledo

G655 1 VYNS - cl-Ac

G795 38 VY(4D 33 Tol.) Cl-Ac 819 Lin

G-1141 47 M lb 42 Toledo

G427 39 Toledo Firestone XPC 456

G-1118 12 Parlin

} auto. vinyl filler

G-227 Geon 140 M Toledo 829 Lin

G-1152 0

G-1245 312 Toledo Geon 128

829-924
829-#23951
calling cpd.

20
13
37
1
38
47
39
12
140
312
660

Toledo
21
33
42
39
140
312
587

EES call → Diem - Nelson - opening a bag PVC check for monomer

Pete Dempsey - GC for monomer in solids

Ray Shuba Mass Spec. - needs.

Diem + P. Allen

-want patch test -

= no EI on people

FEB 28 1974
E.E.S.

Proficell

want -

L

MAA
MMA
EA
} 1.5% total

VC from bags

, T. Nelson will do

also checking to see if there is respirable dust

MSA Comfo -

DeVilbiss 23B - 13
15

Sched 23

Type B - org. vapor

BE - dust/mist + org. vapor

DUP050049243

FEB 28 1974

QHA - reg.
are they going to ~~take~~ E.S.
over approval from US BM

if not sens. to Acrylic
EDA (Broxall
might be EI
People patch - here - of no value
Pig " " OK c EI

People patch would have to include
man affected (TRNeloon)
8-10
TRN told Dick 8-10 men affected

Diem - hold everything tel he calls
next week

Henretig - resident

Bob Kennedy
Am Can
H.188 – Mix Methyl esters MAR 1 1974
needs test data E.E.S.
rel. tox. as comp. to isophoron
or other solvent

up 25% of total thinner
send to Le Barre by Mon or Tues

Sent 3/11

K Killian 3-1-74

Geon 202 BF MAR 1 1974

14 Mlb in inventory E.E.S.

BFG now Preflux

Hycar 1202X3 80/20

now in sheets

don't plan to use any powder soon

but if they do, will use gloves + respirator.

let him know when "problem" resolved

Dr Zapp

MAR 7 1974

E.E.S.

Rodah

MBK - test positive

in rats 1300 ppm

6 hr d.

1970 Italy 30,000 ppm

JCR

VC mon

Poly Vinyl fluoride - 6826

check c̄ Film Dept to see

if any monomer in

stuff we get

JAK wants to know

III A-1-6

3-8-74

Calif

Hollis Smith - age 60+
took 2 swallows
vomitted

Coroner's report
renal failure
phosphate poisoning

Atlanta

when came in 1st time
denied he ingested rodenticide products

All pop top cans quarantined
14M cans in Plant + warehouse
EZ6 says don't sell

Recall procedure by Texas
using up retain tab
soon as gone will go to solid ends

DUP050049248

WSZ

MAR 8 1974

Oklahoma changes (reading)

N.J.: may be backing off
pierce obj. from ind.

Chicago -
L

Md.
if over 550 lb/day

Conn.

VAZO
MBK
UC

Miedzielski
172 - 2408

new mat'l for brake fluid
GM interested

told him we wouldn't retail
until FHSA tests done

Geo Patterson 197-550

Jan. 74 Consumption
H-455-

4158	Parlin
3748	Phila
792	SSF
2597	Toledo
11,295 lbs	

Jim Lyman
197-256

SSF - TH 10285 Vinyl thinner
RCS 6939 Epoxy res
RC 65897
595-H 24141
360 Line -

Tom Ashe

MAR 8 1974
E.E.S.

5: Code on ~~ethylene~~ glycol

Prod. manual
Mfg. will be told to review
handling proc. with
Contractors

Run new FHSA tests

Ron Baer - 172-2666 Jochem Lab
MBK

MBK -

DUP050049251

Thurs 3 PM

MAR 11 1974
E.E.S.

Cullitan MBK

MIBK - do we know it is
any safer
uses of MBK

R.N. Dion
Rosa metallee
CFR -
contain any heavy metals

M. Miller
Want cc of new Md Reg.

DUP050049252

Paul ~~[illegible]~~ Redalino
Geo Yates
Brichtown, NJ, 07733
50 Pinewood Dr

MAR 11 1974
E.E.S.

201-899-5383
bus 201-949-5719

Kitchen ceiling
LIE Teflon

husband called Wynnewood
rash comes back when she
goes in room

BRUCE - will call her

~~[illegible]~~ Yates
after 20 min. → rash, swelling
eyes burning

still solvent order
no known allergy
sug. they save can for us

DUP050049253

Jim Lyman 256 & 649

G D26 PUF (monomer content decomp. prod.)

6000 lb Jan.

Anal. for VC monomer when complete

Decomp. method ? complete ?

will look into VF monomer and tests on VC and call back in 2 days

601 Davis Dayton

VGH 27517 Spray Epoxy Can Coating

VG 5960

2514.

Dec. to Halpin

MAR 12 1974

E.E.S.

COM IM 04062 Suppl. 1

VG 5960

DUP050049254

W.S.Z.

Va - Env. Rep. #43, MAR 12 1974

E.E.S.

8% as H.C.

R M Kirkpatrick 530

Fast Flush

Rollins - Purle Inc
658-D541

Bill Hand Prod. Mgr.
Charlotte, N.C.
Medical Transfer adhesive
EKG -

Mr. Bostick
Trace Inc., Ch
Disposable EKG

Ken I will call him back

704- 535- 0500

3M - 1524 not good enough

DUP050049255

Al Gowen

3-12-74

MAR 12 1974

E.E.S.

Masks-
Dick Hubisch

Ci. .05 mg/l
15g /can

Roy Brown
Pb naph.
octoate

50 animals

Ted K
paint chips had little effect

Dss
feed 100% Pb octoate drier -
got increased blood lead level

our study will be published soon

Kit
chg Code 7354-115 170

DUP050049256

Sam Molinas MAR 12 1974

E.E.S.

pushed for time 0.06 - 0.5
need no between

Ven L -
Southwest Res.
doing baboon study for CPSC
expect to use for Pb % decision
this year

Tim Wienke
Ind. -
no change 2-7-73 OK

Bruce Karrh
Yates - paint now totally dry
wife has no problem now
will send us sample of paint
Yates happy + will drop matter

DUP050049257

LES YOUNG ni

MAR 12 1974

E.E.S.

HJT -

n-Hexane

CMS

Sani Swab

ingredients conform to FDA

50 ppb under some cond.
Is it toxic hazard?
legal problem?

Robt McDonogh Eastman

6 rats MIBK no effect
6 rats MBK - lost leg after 6 weeks

damage

now doing dog studies
no MEK tests planned

n-hexane - there are 1 or 2 papers (Japanese, 1 Spencer + Schaumb

DUP050049258

NE J. of Medecine

he will track down

D_3P -

at 50 ppb - prob. no toxic hazard but may be legal would need god feed.

JAZ

if 10 ppm showed no effect

will check lit. + call by end of week

DUP050049259

MAR 13 1974

E.E.S.

Monroe Wiley - ML
change to R-66 solvents
resubmit formula to CKI
may have to run extractions
if solvents not listed

Van Lechleter
effect of $PbCrO_4$
$ZnCrO_4$

chromates - silica ctd chromates

DCMA
AmCy
Hercules
DD
Harshaw

1. Epidemiological since 1957
may be ready by 5/1
2. feeding studies
a. $PbCrO_4$
$ZnCrO_4$
$PbMoO_4$
$PbSO_4$
b. hi $PbCrO_4$ or
hi Zn

DUP050049260

Does Silica coating help?

Inhalation Test

Morgan meet c̄ Stokinger
Christopherson + others

implantation - hope won't do but
Hercules wants

Jim Lyman
PVC -

Geo Evans.
GC - 1st samples this week
finish in about 2 weeks

Union Carbide - TM -

CMS
Yale School of Med.
painted electrodes in animals brains
seeg. just brief tail pacification
letter

Phil Harrison

Wisc

MAR 13 1974

E.E.S.

if oven effluent - 3 lb/hr
15 lb/day

in SE Wisc

if not oven, + not reactive
no limit

CMS
peripheral

HHK

Neozone D / phenylbeta naphylamine + others - fine powder
F-104

6975 lb in 1973

a naph - 0

B naphyl < 2 ppm

made by D.O.

Neozone A 470 lb 1973

< 0.5 % a naphylamine

< 5 ppm B naphylamine

Dr Zapp
Says no problem
at this time

3-15

Cambridge Absolute Filter Co
7645 7th North Rd
Syracuse NY 13210
315-457-1000
Jean Keesa

DUP050049263

AKROFLEX CD
Phenyl B naphylamine

~~John Conroy~~

Les Young
Vinyl chloride
G-134 PVC/PVAc

MBK
Don't use

Walt Pregman
Singer 0.05% Silanor
0.10

Inter-Rad
Eric Peter

made 5000 lb for Singer

Ultra-filter
Inter-Rad - 203-359 1400
Hani AZZAN, Pres
Tom Leever
absolute filter
dumping air from baghouses into room

Cambridge
absolute Filter Co
99.97%
0.3 u
7645 7th North Rd
Syracuse NY
13210
315-457-1000
Jim Keesa

HJT

MAR 15 1974
E.E.S.

n-hexane - he can't find references
still looking + will call

Solvenol #2
send him sheet

a methyl styrene -
he will look at - thinks OK

UH 260 (1895)

H 449	S-2	809.8	acetyl acetone
H-387	S-2	2.20	
		812.0	

Dibutyl tin dilaurate

G. L. Evans
Vinyl chloride - reference std.

flame ionization

1 ppm in air prob. detectable

Willie Talbert
Tinsely Labs
Berkley Cal 415-843-6836
makes optical components
dev. mold to to cast reflectors
wants glossy surface

man used Jmcm R some time ago

bought about 1½ yr. ago
used over 6-mo. period
hosp. says sensitized to accelerator
used respirator - cotton filter

exhaust fans 150-200 ft away
RFK Send him tech. Bulletin
sug. he use with adequate

ventilation and = char. filter resp.
- don't expose other people

MAR 15 1974
E.E.S.

Stoddard
De Vilbiss
will send catalogs

T.R. Lowe
Quick Set Adhesive

AJT -
Recirc air thru chs. filts MAR 18 1974
Can we measure amt of particles E.E.S.
in the air that got
through filts?
He would check K-H + call back

DUP050049267

Staff
- Quart report by 3/22 MAR 18 1974
E.E.S.

5 yr plan - R+D

Jim Lyman
Pb pigments - Moberly S+F inspect.
sug. he talk HHK before looking
for medical records

WSC -
2. nitropropane
nothing new
main obj. was use in Refinish
SSF seems to use a lot -
dont know where it goes

Joe Rawal
Trans Cond + Sealer
ECA 4966

HJT

MAR 18 1974

E.E.S.

500 lb / day
x .05%

= 1/4 lb Silanox - max.
∴ unlikely to build up dang.

selling ~ 2 yrs. -
no problems or complaints

R. Hubiak - no problem
will send letter if I ask

---

n-hexane
sending NE J of Med
3 case histories
→ peripheral neuropathy

Hubs 3571 no part problem
amorphous silica - ∴ not bad problem

Robert Pascal Reg. 122-2891

MAR 19 1974

E.E.S.

Fred Gershman
Acetone emissions in Del.
30-40 lb/hour

JAZ
Butyl not in acrylate

Parlin } PI handling not
Chicago } nearly as good as
EI at Ft Mad

Dyno + Sonnes may switch to PI

Pregman
Haskell not too concerned
about Silanox + recircul. air
OSHA reg. say can't do
EES sug:
advise customer Silanox there
particle size
OSHA reg. say no circ.
Sug. customer may want to review
his operations

DUP050049270

Told chip ↓

1. dont handle tel hands are clear
2. Use Kerodex Cream - 2 weeks
3. If still have trouble

Is it PI agg. by solvents
If sensitization would need gloves

Wash hands before applying
Dont know when it is off

He doesnt want D Hood to go to PR at least now

DUP050049271

Chip Chapman 8801
946 Line

3-22-74

Color mixer Riveras

skin protector Herodex 51 — Hood not as good as gloves
OK to use daily
comes off but don't know when its off
4x daily
get around nails good
Tray lab — as much as 2.5% monomer
sens. to 0.25% MA
cotton + neoprene rubber gloves

Call Hood

Paul Pedalino

LIE letter

LD Northrop
Sugar Hill Rd
Falls Village
Conn.

06031

Fumes caused headache, nausea
wife
man — mild eye irritation

DH3 odor?

give us batch no
what were cond. of use

Bruce Karch

NJ - paint complaint

batch No.

MAR 22 1974
LIC
E.E.S.

Louis Andreas

ref. by Dr Zapp

dl De Costa -

Supreme Equip Co. 492-7777

Brooklyn

Pres Tech IR

empl. refuse to use on face

one we do not recom - use on face -

say. he go to druggist + get other barrier creams that may be suitable

DUP050049273

Walt Hagist

P

GM EMP

MAR 22 1974

E.E.S.

La Grange, Ill

ident. of solvent

193 Line

+ lots of others

sug. give to State DEP

some may be on file already &

wont have to do again

~~388-~~ ~~60~~ 71

HJT

Dermatitis

954-200 Teflon Non Stick Coating

FEP / Epoxy / Benzo guanamine

AN Dion

Dr Leighton

Seattle Poison control

child spray - L. Metal

Primer

Skin only no

ingestion

Geo Evans

MAR 22 1974
E.E.S.

limit - 10 ppm by Flame ionization

combined 10 samples
got 10 - 100 ppm VC if if
it is really VC

next Friday - at Exp Sta Biochem
Bernie Layaski - electron capture GC
confirm composite peak)
resp. esp. strong to halo

Air Monitor
└ can be done but will have to develop
is Charcoal OK for VC
desorbing method
GC cond. nec.

bring NIOSH list of proposed Stds.

HJT

Lucite Int. Enamel

MAR 22 1974

E.E.S.

Sunglow - wants to check color

2327 c

1627 c

need print sample

M - Hexane

3 cases - will send cc

P_3 Phosphine - no other info avail.

D. Hood -

HJT -

Don't think patch test would be worthwhile except for human guinea pig

Dick Grant

(1) could patch bad, other batch } Do this - send request + 2 samples

(2) Mrs Smith test $500

DUP050049276

Vince Malone 179-364

MAR 22 1974

TRM-ref

Is 150°F bake - Prob yes

E.E.S.

Caterpillar -

but will ask

Ohio 150°F

Ohio for them

next week

RN Dion Teflon S

MAR 25 1974

954 - 100 dsn, -101

E.E.S.

958 - 200 20/1969

~~95~~

200 human patch

no reaction after 2 days

after 6 days

after

954-100 no evid of skin sensit

transient

not allergenic

will send cc

give cc CPR - ask him about hair curlys

more test needed

Batson

MAR 25 1974

E.E.S.

227
1245
427

PPG-
VCM varies all over
subst. variation from batch to batch

ELG
Form for medical appl.

Patterson will call PVC vendors

Batson Tawmotsz Div. of Caterpillar
bake 130-150°F 20-30 min
using conforming solvents

Talked to WSZ 6 mo. ago
$100 M - 250 M business to F+F

were going to H2O

Cleveland Area

Karam Batra

MAR 25 1974

E.E.S.

954 Line Hair Curlers
PEP / Epoxy /

tested 6/69 9-29-69 report

HJT -
Blaine McKusic
talk c FIF next week

not enuf lead time

Geo Patterson
(A) Firestone - John Rust
written resp. in 1 week
only vague statement
G. 427 thinks no meas. amt
G-1118 - est. 500 ppm
12M lb in finishes

(B) BFG
80x5 - ≥ 50 ppm
Ans. letter on 3/18 Jack Russ
~~EES call him~~ Geon - 126 virt. undetect
128
101E4 = 750 ppm

(C) Carbide - hasn't returned call

DUP050049279

Jim Lyman
April 18 ODS

MAR 26 1974

E.E.S.

TRM

2LA | Southgate H 20
Van Nuys req. variance
Free

assume compl. by 7/75

Do they require formal compl. sched.?
Call him back

HJT X ~~[illegible]~~-2110
Hair curlers
bake in factory
hair hot at home

Teflon - polyfume fever

Jim Lyman
Can't make 4/18 mtg
VC - pyrolysis
do 2 first - may be enough

Dr Zapp -
mid Monday
San Jose

Chrome polish
2 yr old
child may not actually have

check Label
should say "do not induce vomiting"

BFG -

Mfg 1000 ppm limit
Union 100 ppm "

Chem. Mkt Reporter 3/4/74
PCM hits Dynamit Nobel
53 sus. angiosarcoma
47 serious ill
28 incap.

Zapp

200 ppm = 510 mg/m³

100 ppm = 255

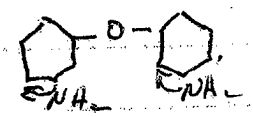
MAR 26 1974

E.E.S.

~~Don Meier X 2110~~

Phil Vanderhorst

6-230 Oxydianiline - 79 mlb 1971



Orchem makes ↑

Kapton - Film

Vespel - Plastics

H. Sherman - $60M, $15 m for F+F over 2½ yr.

HJT - he'll call HAK Wed.

6-21 -

Poly (methyl vinyl ether/ maleic anhydride)

GAP

15% aqueous sol'n

Chuck Harmuth

L PVC powder -

3% Epoxy ERL 2774 - Diglycidal ether / Bisphenol A

Union Carbide

no ans.

see 4/9/74

no potent skin sensitizers

CFR

9/6-926-2010

Dr. ~~Shasta~~ - Wm Strickland
Mt Shasta

cotton last 2-3 weeks

resp.

F. W. Porteous Logging
Mt Shasta, Calif

Jensen

used 3 x got sick each time
used respirator

painting
1 man now in hospital
chest x-ray pneumonitis

(in same room - but not painting)
other man, should be hospitalized

suggested treatment?

file records = Occ. Health Dept.

recom. - not go back on job

HJT -

MAK Kodak hasn't tested
doesn't plan to test

n Kexane - sending 1 letter
Jap. reference ordered

Lee Young
H-69 shortage isopropyl alcohol
wants to use methanol instead
> 4% requires label

Union - Toxicity
(1) in plant powder
(2) ingestion during spray
(3) consumer liability -
fixer + images have reacted
are reaction products +
by products toxic?
dye bleeds somewhat
(4) Spills
Field test tables now out - make tests this summer

4-1-74

TRL

Mt Shasta, Calif
sprayed in big barn

3 M - cardboard mask

Dr. Reinhardt told them to
use air supplied

had heavy cold before spraying
OK now

had been res SW weight c
additive

CMS
Del OSHA reg.
does Del have?
Pb - Jan letter

APR 2 1974
E.E.S.

DUP050049285

R Hubiak
Del. OSHA
Walt Eley - Newport

APR 2 1974
E.E.S.

Proxcell handling is poor

Cleaning reactor -
get NH_3, NH_2 odor
acrylic
if sensitized - could get resl.
in last 2 yrs., had 6 cases
patch - 2 reacted to latex

2 of 3 cleared up fairly quick
∴ prob contact irrit rather
than sens.
Phil Allen called yesterday
1 person broke out over upper
torso

Improved handling may
solve problem
used leather gloves - holes
- change to rubber gloves
Proxcell - need new method of adding

DUP050049286

Toledo has vac. exhaust on
reactors -
Why can't Ft. Madison

Is free NH_2 or Proxcell in later?

DUP050049287

HH Kohl

Del. sub. plan for state APR 2 1974
Dev. of Stds in 1-73 E.E.S.
no action
∴ must be federal OSHA
but state could force compliance
c̄ federal OSHA regs. now

Carroll Bailey 11:10 AM - 803-758-5494
S.C. Board of Health
Comp. of 2286 S
Spot n Glaze Putty

get Pb comp. by AA
over TLV
Pb - 0.5 mg/M3
sample time short 10 min
diff day 2 pm longer deer. sample = < 0.5 mg
Circular knitting machine
Castings for legs on ..

Putty
37.6 ug / g Putty of Pb (37 ppm)
are wearing mask

DUP050049288

complaint
sent sample of dust
147 ppm Pb

not talked = his Dr.
man
other man fired because he refused
to wear mask

HJT
a methyl styrene
will look up decomp. prod.

Hair curler
n-hexane

cms
st > 50 ppb

Tri Φ phosphine
couldn't find other info.
not on FDA app. list
leaching
extraction - if > 50 ppb
have problem

get Shell to give us letter
Lyman will get from Shell
or get new product with no
phosphine

DUP050049289

1000 g putty

$\times 35 \times 10^{-6}$

$= 35 \times 10^{-3}$ g Pb

035

35 mg Pb

$\frac{35\ mg}{TWA\ .15\ mg} = 230 \times TLV$

= 230 M^3 air will dilute to TLV

455-101 Topcoat
458-801 Basecoat

Implants - consisting
Drug

if market - want to disc. further

Device - for centrifuge

Bailey told him specs show that could be as much Pb in putty ash saw
agrees TLV exceeded is unlikely if ventilated but place not well - "
quite dusty - excessive -
respirators are supplied not always used
over TLV for nuisance dust

impurity in barytes

MAYER + CIE
Orangeburgh
will make sure user is aware of lead so that he can protect employees
intermed.

Robbins, atlanta sent MSDS - didn't show Pb

Wynn Starr
alt. forms for car upholstery
cleaner

APR 2 1974
E.E.S.

RM shortage

changes minor - cleared for efficiency of use

Harry Mace ATI -
203- 878-7451

Larry Thomas
EPA - EPA extend compl. sched
to 6/15 in NJ.

NC. he thinks it is gen'l.
but will call

CFR - eye injury - Rodin

APR 3 1974

E.E.S.

Dark spots may indicate corneal damage.

can't tell without exam by special.

have Dr call CFR - De-Kes

P. Harrison

325°F - max

may be 250°F prefer made by spray dry

reg. melt

~~[illegible]~~ FEP

Epon 1007

bake at 350°F 10 min

0.07 %/hr. @ 325°

Concannon

0.05%/hr 250°

2 g Teflon / unit

IBM

APR 3 1974

E.E.S.

found Benzoguanamine
baked at 500°F
plating on inside of oven

Kluit 408

Disposal of ~~Post~~ Flush
reg re dumping $CrO_4^=$
Call Today

Andy Anderson

2 - nitropropane

epoxy can coating
is it OK?
yes - as long as cond. of use are good

DUP050049294

HJT –

is it really eye damage APR 3 1974

ans. perhaps her Dr will call E.E.S.

Move along on inhalation tests

should run inhalation tests on Accelerators

LC_{50} acute

subacute

Quick set

PI. guinea pig both BMA MMA mild irrit.

Rabbits – mod. to severe "

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192 – 365

Jim King – Detroit Xylol now sponges

monochlorotoluene or 70% naphtha 30% chloro toluene

TLU – 50 ppm

Bob McFarland X243 PM

Bonnie

Tom Nelson

found only few ppm of most HC vapors

HH Kohl has reports on plant surveys

Mike Miller x-208

Conn - think will change by '75
no H_2O or Hi solids sfiempt

6-1015 Benzoguanamine 2 diamino 6 phenyl triazine

36000 lb 1973 Toledo

not irrit or sens.
low ord tox.
chronic inhal. - at low levels of dust can be hazardous

.06 mg/l } guinea pig dogs 6 hr day 2 8d
= 60 mg/m³ } all died - severe anemia

rats - OK

use dust resp.

Hair curlers
wt loss

n-hexane - 1,694,405 lb 1973
F, J, K, L, M S
Phila, Tucker dust use much

Art Geib

APR 4 1974

E.E.S.

effluent guidelines
except for Hg
heavy metals ppt at treatment

may be restrictions on dump -
shouldn't do

Is there landfill that ~~it~~ could

WSZ -
H2O-borne symp.
10 states
6 Hi solids

Texas - no H2O

Calif
Md
Colos
Mass
} indirect fired ovens

Ky

Ross

Don Fulginiti

APR 4 1974

E.E.S.

T. Ashe -

no need to test (FHSA) Zerex now if there are no past problems, pending or expected suits etc.

Don Houghton - x 8824

FDA approval

RK 19065

or RAK 19065 mildew resistant picking box clear

Direct contact - c̄ dry foods

Hexan H-85

benzoguanamine G1015

n Hexane - H-85 1694 M Lb 1973
FJKLMS

944 Line
945 "

VMH- 6652
3425

3642 discontinued
3656
4418
4635
4687
5466
5481
2
5496

12017
13141
32085
35041
35062
37666
37745
37779
37787
37792
37991
63048
Y 37937
T 8566

LC J 82761
LS 89620

LTG 89439
89670
" 89781
" 89800
" 89910
89922
LTR 20025
RCH 5585
RK 3213
RK 3300
166-13755
266 ZC516

+ 944 Line
945 line

Jim King
Chlorotoluene - TLV 50 ppm
APR 4 1974
E.S.
toluene new 200 OSHA
100 ACGIH

sug. AMC meas. conc.
in breathing zone -
if close to 50, increase
vent or wear resp.

JAZ MAK Prudent to handle as MBK
inhal. studied - $2000 x 6
2000

60 exp. 12 rats $14,000 - 15000
more than 2 mo.

UCO

23B approved by NIOSH
up to 100 x TLV
cartridge changes
alt. air supply hood

Lighthouses - GM - says get paint on face
Vent. spray booths
key air borne mist ∴ JAZ need resp.

4-5-74

APR 5 1974

J. ID -

What is schedule for [redacted]
Wants all tests complete by 5/15

JAR

ATI - form change on vinyl roof cleaner - OK no ch. in tox - no label change needed

MBK -

Hexane
nickel tox study
pentane
Heptane
heptane

3 NY cases -
just ind

DUP050049301

GL Evans
Electron capture
15 ppm limit of detection APR 5 1974
9 samples - 0 so far E.E.S.
run a spike?
4 more to do

Bob Carryer
PMD - ODA - dressing product

new → VTDA - MDA
he thinks will share
25% of $60 est. cost
but will call back

SSF McGinnis 415-588-1812
John Leach Ant'l P. Mgr
H-718 - Styrene
TLV 100 ppm
air line mask, rubber gloves
tert butyl catecol - inhibitor
30 ppm

DR Young ML.

DUP050049302

Leo Young Vacation — 4/8 —
MAK - 4/9
get policy from TRM et al

H-85 Hexane
~~35075~~ thinner
probably - < 10% in formula

Perchlorethylene - TLV 100
H-470

APR 9 1974
E.E.S.

Crit Doc. on trichlor for R Diem

CMS
H-455 -

F.T.J.

Consumer propane isobutane Methyl chloride

Vinyl Cl - propellant in
In CO_2 propellant for
subst - ethyl chloride ← Is it safe as propellant
Freon - 12
propane / isobutane

consider recall

APR 9 1974

E.E.S.

new used in $MnCrO_4$

Prem 12 - 73 %
ethyl chloride 12 %
propane 15

E.E.S.

APR 9 1974

APR 0 1974

E.E.S.

Is it health hazard –
likely to be declared " ?

New Product used 10-15 min/day
charge primer for polypropylene
427 g. total

proposed 192 g. propellant
L ethyl chloride 20
Freon 12 80%
~~[illegible]~~%

39g. me Cl
78g. Toluene
100g – resins, pig etc.

TRM MBK – wo
electr. spray – no manpower

ELG-/JAZ
only risk is in our plant
+ in transfer from drums

call CMS today

80 drums 7800 gal prod 2-3 mo supply