



No. 17

EE SWAIN

STENOGRAPHER

FROM 10-12-73

TO 11-16-73

NO. 43-8164 (S-1004-C) • 60 SHEETS • GREGG RULED • 6 IN. x 9 IN.

S. E. & M. VERNON CO., ELIZABETH, N.J. 07208 • A DIV. OF THE MEAD CORPORATION

10-12-73

WSC.

Refinish - will hold off making
Centari = MBK

Bruce Karkh

Dr. VM^c Donagh - Tenn Eastman

MBK

MBK

also had lot of skin contact
some inhalation

some dermatitis

Eastman Lab - Rochester -

doing animal studies

not looked at biacetyl

would " at it - appreciated
sugg.

had not looked for decomp. prod.

JCR -

if we were to use, should

do baking tests, look for
biacetyl

Shawn Kelly

10-12-73

propyleneimine used Belgium

Mexico

Canada - soon

Vic Scarincamaya

Wynnewood

653 Guilford Rd

Cherry Hill, N.J.

08003

wants 2 more cc book - try to get
from Wynnewood

Robman

10-15-73

1 Proposed publication will send

Am. Ind. Hyg. Ass'n 1-31-46

Winter 43-44

quick test -

NaOH - $\rightarrow$ ppt. quinone ppt on NaOH
pellet

MEK - or + $\rightarrow$ biacetyl

he is not aware of biacetyl forming
in ovens

RNDion

Oct. 12

Fish¹ Elim - bit into capsule

7yr. old -

spit out - swallowed

small amt.

induct vomiting - child o/c

Ray Connor

Gabe Malcom

9yr - met there

Prob. no Task Force meeting in Chicago

hasn't heard about EPA formally.

10-15-73

Joe McCullen X5927
Reg. Dept

DCMA Pb Co. also Pb molybdate
oral - pigment particles
inhal. - "

Carcinogenicity

Epidemiological study Sidney Pell

Morgan writing protocol now
when can

Tom McCarthy, legal Pb expert

Linda Mullin ATT

Methyl Ethyl Ketone (BEST)
narcotic

1000 ppm being used
not TLV = 100 ppm
mod. eye irritant

MIBK

no info - prob still worse

3) 2 Papulidone - ^{Wong} skin sensitizes

4) Papulidone

5 mg/m³ & 1 mg/m³

TLV 25 mg/m³ or 5 ppm vapor
Oral LD50 2.14 g/kg

Dr. ethyl malonate not too bad
called craven - told him MEK at 100% best

626

Gen Evans - G+EN

10-16-73

US Coast

Oct 7

ET -

William-Kush, JRR, Phil Allen
Poppas

pH 5.6 80°C 1/2 life 7 min

hold pH 5.6 @ 80°C for 220% 1 ppm

What is acceptable level of ET?

220 → 10 ppm
in 30 min

harmful paint yet

→ 1 ppm
60 min
190 min

JCR

10-16-73

ET - Court order
 thinks should still go ahead to
 min. amt in paint
 will be interested in paint tests
 Ft. Madison will scale up
 new process cont.

Dr. Reschert-

RTJ
 Hg in
 house paint

10 lb/gal
 .1% - .010 lb/gal

.01 lb Hg/gal
 .0025 lb/gal

450 g
 .0025
 2250
 9000
 1,135.0 g/Hg / 100 ft² area

assume 10 kg grapes = 10000 g

1 g Hg = 100 ppm in grapes
 10000 if all absorbed
 in fruit

jelly is 50% grapes

max. 100 ppm in jelly

if jelly is 1/100 daily food intake

then Hg is 0.50 ppm in diet

assuming all Hg in paint is
 absorbed by fruit

WSZ

10-17-73

cc Ray Dill Fairfield
going on 29th to Conn.

not in FR - for 2 weeks
Calif - sim. to our seq.

NJ - won't be publ. tel 11-1-73
things also -
Cdo. -

Bill Cunningham wgs 11²⁰

Tim Brown

609-424-1791

Reliance Ins. Co.

PGM Co. (Rastus Consulting + Mfg Co.)

Teflon applicator

will be used on Pretygel machines

ask him to put request in writing

Kyran, Kel F

- Labels -

L 750° gives off

Teflon - 5

could get polymer from fence if broke
no ventilation

not fatal - people recovering

RND con

2411 N - anti Rust

151A

54 yr. old male

drank it -

ALD > 5000 mg/kg FHSA

CFR - fish eye elim

3 calls on it this year
wrote FASA

W. Starr

- Series -

want to know if 50-42 or 15
will let him know

he will find out which Prod. wants to use

TR Power

FE Elim.

he may stop selling
if cont., he will let me know
so can test

GEvans -

Plant will make 3 test runs
didn't get paint samples yet

diacetyl odor in MEK old samples

↳ should be easy to develop TM

10-18-73

Seymour Hochberg

X 424

mixed esters

Haskell did feeding steady

doesn't know what else

R-65-89

sem

88-65

no

toxic

skin abscess

ALD

11,000

in th

7800 ppm

cell culture

5500

exp. to vapors - cause temp. cont.

RR Hall

knows I'm not doing work

on powder disposal etc.

Gottin

Plan to publish Co-nago Pb test

Cr

at.

also.

plants not equip.
takes too long to
make sol'n.

CH

As

Si

Black box -

X-Ray device

Goltz

wants to see PCA Tox. Metals Comm.
have joint effort

Dick Moore 188-9-566-2440

(1) Midwest report in -

Pb octoate + Pb CO₃ - not absorbed

Pb not readily absorbed from new paints

Joint test

extract of Pb using syn. gastric juice
Pb octoate

52% Pb

0.04 Pb gastric

0.00 intestine

X-Ray diff NBS std
15.5 Pb CO₃

12.4% dec. Pb

NBS - 1187%

10-24-73

W

HJT

Wynn Start

test butyl

OK to use

Funny

business subject

Can't find any LD 50 etc

Henry Darlington (Union Reg. at)

R.S. Cox Teledyne MidAmerica (Prod. Info. Terry Jones)
Purchasing Dept - Chester Pa, 19106

Sedant - 4635 thermoplastic cement

Jim Lohr

67% solvent

18.2 P_x NCCO
13.5 Santolite EHP
6.4 Santogyn 8
6

MEK 32 %
hexans 21.6 %
ethanol 14.5 %

sprayed on -
over spray -
headache, nausea, dizziness

Bob Draper -

Harry Barth - employee rec. 9-17
advised him of no interest

PeMecico ~~mi~~

CMH mi

Peblin Chief of Conn. crch. etc.

10-24-73

H. De Marsico

copy gold -
Jll. - Rul. 205 f

wash thru
UGY 189 -

Kaminsky
confirms + can order

Jim Lohr -

1972 - 10 gal.
73 35 gal

4620 6 drums 325 gallons

L 8.2 PX NC

13.5 short oil alkyd

6.5 DB shell

29.7 thuen

29.2 MEK

13.0 isopropanol

2.0 ethanol

prefer send letter to Co. ^{Purchasing agent} cc to employee
send to: H.R.S. Cox ^{Dept} cc to Barre
Purchasing ~~agent~~

(2) Plant Mgr.
Teledyne Mid America

Mrs. Doherty rec'd to Bruce Kersh
send to J. King
F+F

186 or 10 mile Rd.

letter to in King's office

W. Stern - no ans.

Hugh Tash x 209 ~~no ans.~~

begin for epoxy powder by - p-24 letter
put them on dist.
HTT

will send letter to me for fwd.
cc to Plant Mgr. + Purch. Agent

~~NEO~~

Quick Set adh. - 808 accel.

need anal. of vapors

HTT - Test on Quick set adh.

LES YOUNG

MBK

when will get resolved

if cant use will consider reform
in furniture finishes

ketones give lower viscosity than
esters

Pete Trumper x 572

decamp. prod.

tell them -

- paint for sno mobile

decamp. prod are toxic

+ can list them

whether harmful, will

depend on dilution.

Bob Knaus

Pittsburgh area

allergic to Johnsonⁿ

Dr. wants to know contents

Mr. Hamlin

4/2 - 221-2100

Bridgville, Pa

Karl Kaminsky

3⁰⁵

162-329

St Charles Mfg

" " "

Ill.

baking enamel

3

spray people

severe rashes

puffy eyes

716 Line

1752 Line

Using R-66

H-49 Toluene

H596 SE 100 Acam. Hc

T-Y 9014 %

isopropyl alc. H-69 24 lb

H-577

APC Min Spirit H 457 60 lb

Toluene H-49 16 lb

using both for
several weeks

pc. K/Em.
10-31-73

T-Y-9012

SE 100 H 596 3. lbs

APC Min Spirit

H 457 425 63.5 UM+P naphtha per Hamminsky

ethyl benzene

H 579 10.

5.2

Charter Int'l Oil Co. or
Union Carbide

Bulky alc.

H 12

7.5

TRM

Load them for info

M. Abriss

Bulky acetate

H-6

6.0

if no data, ask him that
* Haskell

90.

inside of cab.

men are

this only

one offsite

Until - Ray 5 men spray booth

HJT -

H. didn't test
acc. Contact dermatitis
strong primary irritant
eye irrit at 200 ppm.
TLV 100 ppm

Mr. Hamlin

13 employees shop enamel deluxe
comp without addition acrylic
Delphos - for deltalac enamel
25 jobs - bothered him each time

2-3 hrs. after coughs
mucus in lungs

charcoal mask when painting
5 wheels

after 3 days, still has mucus in lungs

fresh air hood -

Dr. Leo H. Cripps

412-281-0355

gave him injection - cleared his lungs

Large tomato can

12 cm dia x 10 cm dia

$$12 \times 36 \text{ cm circumference} = 360 \text{ cm}^2 \text{ surface}$$

Film

0.5 - .8

$$\cancel{25-30} \text{ mg/cm}^2 \text{ film} = \frac{180 - 290}{7200 - 10800} \text{ mg/cm}^2 \text{ film}$$

Solvent

1-15

$$\cancel{25-30} \text{ mg/cm}^2$$

$$360 - 540$$

$$\cancel{9000 - 18000} \text{ mg/can MBK}$$

if 1% of MBK is ok. to biocidal endop

$$\text{then } \frac{3.6 - 5.4}{900 - 1800} \text{ mg/can could be formed in can}$$

if held 100 ppm in film, then would have 80.5 mg/can content

$$\text{if can held } 1000 \text{ g}, \frac{.05}{1000 \text{ cc}} = .05 \text{ ppm content in food contents if all absorbed in food}$$

$$\text{in can held } 500 \text{ g}, \frac{.0500}{500000} = 0.2 \text{ ppm Triacetyl}$$

Beer can

$$12 \text{ cm} \times 6 \frac{1}{2} \text{ cm} = 12 \times 20 = 240 \text{ cm}^2$$

$$\text{film } 1 \text{ d} = \pi r^2 h = 3.14 (3.25)^2 (12) = 400 \text{ cc surface}$$

$$240 \times 8 \text{ mg} = 190 \text{ mg/can beer}$$

$$\frac{190 \text{ mg}}{400000 \text{ mg}} = 480 \text{ ppm}$$

10-25-73

W. Starr

will send sample of new design
for FHSA oral test

EAX 3032 Rm 5326

MDK ad ent

temp out of can etc less.

have 75 drums MBK

Ethyl benzene

all comm Xglol etc 10-20% ethyl benzene
Geo Patterson

Geo. La Barry - X 455

400° F - 10 min. 5-8 mg/cm² film

3-5 mg/in² film or 40% solids

direct fired but no flame contact etc 35% "

~~4-5~~ 9-15

~~4-5~~ mg sol'n/in²

~~1.0~~ 4-7

~~4-7~~ mg/in²

~~4-5~~ 7-12

~~4-5~~ mg/cm²

say

25-30 mg/cm²

1-1.5

JAZ

THF - polyvinylidene film on
aluminum

if extraction tests show no

(1) MBIC

(2) oxidation products

then he thinks O.K. to use
provided customer accepts esp.

HJT -

Henry Dickinson

~~ethyl benzene~~ reduce exposure

sug. call state Ind Hyg.

JAZ -

allergic more likely to give skin react

chronic ... asthma

Hylene W -

skin spots

- Kaminsky -

told him ethyl benzene is in xylene
at 10-20% level

if they have used much xylene
then probably this is not new
exposure for them

sug. he tell them to reduce employee
exposure -

perhaps consider getting ind. hyg.
consultant - painter or state

Q Stars - Tilt Traction Promoter

Hay. of several prod

Sty / BD / Sty. block copolymer
cyclohexane / hexane
abrasive
propellant

USCPSC news briefing

EEA -

methyl heptyl ketone - straight chain
amso

methyl hexyl ketone - Eastman

MOK - quite pure - no known
see Patty 1720 ^{contam.}
call him back probable TLU 100
but not much data

Pats Miller

10-26-73

send Les Cane letter

HJT will look up 5, 6 ketones
+ call back

Cancel glove stick tests
what do we want on powder step?

John Emrich

5-5-71 -

WGM Toxiki

752-67630

Pb 5000 ppm

Se

Cr

As

Ba

Cd

250 ppm / ea metal

sending letter

10-26-73

Nancy Jaeger
- U. of Mich.

313- 763- 4364

wants adhesive for teflon + mylon
for use in monkey brain surgery
told her to write to Phil Harrison

Don P. Sullivan

Wants - black or white ans.
Can use or not

JA Z - mi

Chip Chapman

8-23-73

Hg dg. additons

no subst. for Super addit

he is going to continue selling it
in P.R. - they need it there

ans. No present reg. to prohibit
will advise if one is issued
bas. dec. -

Does he accept risk of adverse
publicity if have ingestion
or other complaint?

TeleType ^{with wire} Mid America

Phs.

Techs

112- 494-6300

D. Cauff

Donald Caulfield, Plant mng.

PO 640

Chester, Pa

send letter to Cox + call him
before sending letter to
Darlington

David Hudson - Ford 129-1-468-2681

gave him list (tentative) from 8-15-73 regarding
Co, Ph, Cr, Ba, Gal, Hg, Cl, Cu, Sb

NPCA - Wash DC 18-30-73
Air Quality TF.

2.5 gp. to develop 20% H₂O-borne
systems.

Ray Brown - poll results for 20%
then not that 60% as long will
be needed for 35%

Direct fired oven
can test air incoming and
not recirc. air + comply w/
reg. since recirc. air not
contacted to flame

New oven - appl. ind.

\$5000 for direct fired oven

35000 " indirect

can't convert to indirect fired

go 30% by cost for both H₂O and
hi shields

Def: baking but curing gel

not heated above 185° and/or does
not become insol (~~in solvent~~)

Acquire force dry at 180°
some alkyls " at 180° , then cure
later

Decided not to attempt to
get sources defined

Ray Brown

21 states now have some reg.
reps 68.7% of total pop. of US
(a prod. of chem. steps)

65-70% of chem. steps are reg.

Census fig.

31,349 M chem. steps

475. M gal

491 M gals in 1975

Loag. at gun 20-23% solids
syn. 34-38

Need for abrupt & oxygenated solvents

Conn. - meeting 10/24/73

WSE, Larry T, Ray C.
H. Spitzner Jim Joyce - ch. NY - Conn. Env. Qual
Comm
Mr. Bach - Dir. Director Conn. EPA
Bach head of enforcement
2 tech. people

had contacted Gen. Schenman EPA
+ he supported us

will consult w us if change rules

NPCA must provide documentation by end of
Nov.

Journalism
has not yet responded

EPA dir Paul Montanary

St Louis - EPA recog. need for Transp Plan

∴ Solvent emission controls likely

- ~~Mass~~ Ass'n of Mass.

kind expert - Melvin Furst
Harvard med School

Rag will send cc of his recomms.

Indiana 10-15-73 hearing

Reg II -

Williams }
Olsen }

Ind.
B2

New reg. being proposed
will have hearing

Colorado } exemptions for existing ovens
remain same as R-66
Mass. } no 3000 lb limit

Calif.

Jan '75 all thinner must conform
R-66 will supersede Reg 3
all finishes at the gun
SSF
San Joaquin
Sacramento
LA
San Diego
3000 lb aug 76
except for LA

Texas

Reg II -

still has solvent stream exemption
+ exempt for small emulsions
∴ don't restrict painters

NJ

Can you

likely in Chap 16

Pres Conf in Trenton on Thurs

EPA will unveil N.J. Reg.

Chap 16

25 lb/hr for any solvent / Solvent
exempt for H₂O + Hi Solids

NYC

- no change
may take action after decision 11/8

Asbestos - Reg II EPA agrees to go along
with what EPA ruling that take not count

NCO

I. Market -

Products - end users - Vol.

II. Toxicity Complaints

Suits?

Inson - US 10+ men, ~ 3 hosp.
Canada ~ 10 1 hosp.
adhesives - 1

III. a. Toxicity Info

TDI

Current OSHA limits

ADI

Proposed
Canadian

TDI

Current Safety Rec.

IV. Program - Haskell

Outline

Cost \$30M time 6 mo - 9 mo.

Expected Results

V. alternatives

1. Mobay - remove ADI
2. Stronger Precautionary Label
3. Limit sales to qual. users

Other

MBK

Spray adhesives

Powders

Proposed new products

Quick Set adhesives

VAZO

10-31-73

Karl Kaminsky
St Charles

H-457 - is H425 APC U-M-P night

APC - main spirit

TOR M -

He will call Chapman + tell
him WDL thinks should not sell
"Supercalib"'

CMH -

SC no APC HC reg

N.C., LU, Ind - have no over reg.

JAB - MBK - .05 - 2 ppm - reg. 900 feeding
> 2 ppm 2 yr.

if less than < 0.05 ppm in food
should be OK - (FDA)

but he thinks should tell FDA

ELG must make ^{as to} ~~recognition~~ ^{whether} tell FDA

he thinks should not use MBK

ethylene dibromide - could of
causing stomach
cancer

TRM

18-31-73

CH₃OH

any problems at 4-5% in finish

HJT.

MBK - Eastman

CH₃OH

new Kelmer

no info. of m. high
methanol kept

as increase in MW

too low

marked effects in
init increases

but because of lower V.P.

heated probably not greater

reg. init

exp "

working TLV - < 75 ppm

P-5/5-58 - typed

Dr. M^cDonough Eastman
↑ he will call him

HJT

1031-73

- Ethyl Benzene

ether solvents evaporate quickly
leaving hi conc. of ethyl benzene

CH_3OH

he is conc. about optic nerve
he would prefer ethanol

93% methyl acetate } replacement
7% CH_3OH } for acetone

40% total

Rec. & TRM

If put in products where control
is good (GM), probably OK

If put in Refinish - risk of
haz. exposure is greater &
probably shouldn't do.

HJT

LC50 - Rhoda Brown

and problem

- (1) LC50 4 hr inhalation
- (2) 2 week subacute -
- (3) 1 PM - Meel - set

187- 6272
Ray Connor 462 ~~467~~

10-31-73

Calif dy - no new info

NYC - no action tel after election

R-205 revised to include sketch
for 1 qt + smaller

4620

Cox

10-31-73

Wilson - Pb Adv. Comm

Dr. Richardson

Dr. Smullen

Dr. Rose

Miss Maltzger

Dr. Leiman

Mr. Roberts. Inspect

Mr. Jones WAA?

538 - 1st QF, 74

96 under surv. -

4 am 60th (28 cases)

6 homes practice

9.50-00

21-40-50

6235-40

+ 31 confirm

96 repeat bloods

H Sherman, #JT, CSH-EE

10-31-73

= NCO -

Est. based on 5 months.
TF int in PAPI

① L50 acute

② Sub acute

③ 2 week exp. Irregular. funct.
sens by inhal
challenge by skin

} Cost in Feb '74

1-3 \$7000/cpd

included pathology

④ airway resistance

measurements
~~2000~~ 2 weeks/cpd
~~1000~~ - 3000/cpd

Need anal. method
not incl. in cost est.

1 ppm or below

Est. No effect level - (2 weeks exp)

\$50000 for 5th project

6 mo - 9 mo. - earliest start Feb 74

Results - will chemia exp. to low level → trouble
what is no effect level - should for long. exp.

Eastman - Dr. McDonough -

no new developments in past 2 weeks
animal studies underway

11-1-73

Cox Teledyne 215-494-6302

1973

letter to Darlington OK + send
out tonight will give them time
to take action

8079 Knowles

no med. complaints kept on file

RD Lion

Knowles Medical Complaints

Joe Pawelski - gave list - only had
2 that we didn't have

Al Gower

FAA -

①

2 - nitropropene

②

methyl amyl acetate

told him methyl hexyl ketone + m. heptyl
should be OK to use
but want to run skin + eye
irritation tests first

11-1-73

Mike Miller

- Reynolds

876- acrylic enamel

315- House paint

anything carcinogenic

prefer to ans. after 11-3.. publ. by
OSHA
which defines limits

Al Bowen

Inson®

Shipley - Refinish hard in Canada

READ DIRECTIONS FOR USE

Label like say 3-14-73

except say "air supplied hand"

No. of Mtd Cases in Canada:

10

2 in Manawato, B.C.

1 man hosp.

1 man eye inst.

Ernie Lewis
Right Public in about 1 month
will send cc
can't give to National Cen

11-2-73

Dr Zapp

- (1) agrees with draft on MBK letter
- (2) agrees that 7 MS + 2-10 cases in Canada is Imrm represents problem + should correct seeing only tip of iceberg probably

TRM

MRT

"Environ Impact Profile"

Leaves - Film (not at CR)

x 7135 Gigg, Plastic

Metal Can

- (1) Does OO have cc
can share with Metal Can

Walt Muffett

Go - extend to incl. Richmond
+ 12 Counties

Volvo -

11-2-73

(1) Who in DD are members ACGIH

2) Test tests on
Lucite^R

36615 thinner etc.

1) Lowry ~~thinner~~ Colvert - Ft Madison

232

1-12-73 - Vays

handling Vays in sol'n.

3 acryles resins

Vays in Toluene - heat & get
in sol'n -

handling based on S- Codes

DD brochure on Vays - 1969

call him back next week

A

AM Krause

73-7 Transmission + Sealer

Exon. ECA 4186 ← ANDION checking on

Lubrirol OS 41314 ← how to get OK

Did we respond?

Does Herbert have info needed

73-8-

resp. OK

what warning needed on label

call him

Tom ashe

Does Herbert

Fred Wally

Talar^R

11-5

Wayne Halsey

Basex - chg code

HJT-

665 Prelim. Acct.

↳ Quick Set ash

7354-211217-1400

HJT
Pro Tech Lab
SENSITIVE

11-3-73

Prolonged continuous use
may result in mild skin irritation
in certain individuals
otherwise OK

Dr. Tanay letter
Dyshidrotic
eruption of small vesicles
in hands on feet soles

CMH

Disposal of chrome
esp. Zn CrO₄

ATG-

Heavy metal limits - by states

RMK Adhesive

4635

4620

requested print outs
will send

11-6-73

LES YOUNG

NC - cast. have asked to comply
White Farm - by 9-15-73 (MBK)

Thomasville - by 1-1-74 ^{testing there now}
MBK

Will NC relax already est. timetable
postpone new tight schedule

See WSB-RC

go to NPCA + get them to call NC
State of NC

M Kraus - ans on Egon

Lewis -

intro Bureau mid 71

not big tel 72 98% ^{uses} big

GM might use in orig eq. someday

he will provide cost of Q he wants

tasked tests to answer

TRM - Environ Report (Edin) (Oranger)
set up Techs so can send

cc to National Can when published

11-6-73

Jim Devlin

~~ETA~~ Can coating

ethyl amyl acetate

40% + comp

repl. MIBK -

ask Haskell

Cramer says trying to order

call Haggin + give TLU

OK
RJT - 11-16-73

+ odor problem

P.T.J.

RL CP 72-6 U2-574

anti-Rust

Centeri -

Dulux -

8:1

Larry
Roberts

775 -

10*

775

to 4

of Dulux

7925

same as 1925

11/8

Karl Keminisky

salesman will call on them today
he will call us & update

Environ. Forum lunch speaker

John F. Burby, Pres.

Environ. Writers Ass'n of America

TRM-TRL-FMG-EES

- they will give me list of Q that test is to answer (12-1-72)
- TRM will see if TRL can ask Mobay for B
- when settled, invite Backus to come to water to talk to Haskell
- EES - see about funding from TP, Elast.

Tom Ashby

Step Leak 02 5709

$$16 \text{ fl oz} \times 29.57 = 473 \text{ cc}$$

$$x = 500 \text{ g}$$

$$x \times 7.5\% \text{ asbestos} = 37.5 \text{ g asbestos/cc}$$

FTS -

T. Nelson results

- 2 alkyl
1 lacquer

100 field count

1000 fibers - air samples
on sandier man

no asbestos on any samples

BCME -

What's our committee

JN Kelly
CO-666

Boric lead silica chromate
ph. to sell in Switzerland
RMO 17

now sold by Inman in Belg.

wet sandal

approved by GM & delivery
only 0.1% Pb CrO₄

don't worry about it

11-7-73

Tom Ash -

will bring asbestos Tues.
thinks ginger root would be
acceptable substitute
no one has asked him to develop
new product
not on their objectives list

Giggy X 7135

Kirkpatrick

Evans

10-3-73 -

est of effluent limits
send him next week

11-12-73

Dr. Ralph Nichols
"Are you listening?"

8³⁰ AM Nov. 30, Dec 7, 19

Bob Knauer

Dulux -

775 1 pt per 4 qt
L NCO G-1163 15.34%

Centari 7925 add. (1925)
1 pt per 4 qt

Imam 1925

he will send you

Evans
TMSH - has biochem, CNR
procedure
silica gel, extraction
from " " , then GC

11-12-73

C.F. Reinhardt

Pittsburgh

Donor

gave him adrenalin

man OK

Dr. Kupe had heard of 2 fatalities
at GM from NCO
but he wasn't sure whether
it was a runner

~~sent~~ CFR mixing formula
for Polux-activator
Centaur

GLEWSON

prob. could do TMSN in
scrapies fairly readily
but has not worked out
method yet.

TCR -

1 PM

Vegs

JID

12-13

(1) butyl methacrylate
went toxicity info
+ TLV

(2) mine accelerator

NN dimethyl para toluidine

- a replacement for Accelerator 808

~~NN~~ di
tox. info.

John Emerich

145

Bill Anderson - 162-311

wood furn - Ithaca Gun

Cornell, Itho

609-0419- Burnt Amber Wapington

6 people digging, nausea

no direct ventilation

air change every 5 min.

used as received

hand digging + brush

Girls getting rash - then went
away
made in Phila.

Bill Anderson

Tell Texaco Co. -
alkyls for sale with variety
of solvents none of which
is particularly toxic.

Sug. better ventilated
and/or charcoal canisters
respirators.

609-0419

TLU

✓ 37-419

357

348-7000

27

UM 7790

4 Soya Lecithin

Xylol H 583 100

120

Per glass oil G 1104

26

Ca. Methylthiur H 607

11

RC 305

8 1/4 ← short oil alkyd

HC H 601

173

L H 59 195

MS H 287

71

H 2 57

H 583 70

G 243 182

H 287 56

H 583 79

H 596 169

873

851

37-419

RC 141 11.5

long oil linseed alkyd

MS H 287 15.1

UM 7790 3.9

soya Lecithin

UH 7552 2.9

← H 510 66

H 583 45

H 287 580

671

Turkey
Buntumby W 419 50

RC 141 15.3

long oil linseed

MS H 287 1.2

348-7000

H2O H 506 650

slightly
viscous H-5 7.0

linseed oil H 253 134

H2O H 506 11.0

oleic acid H 617 7

H2O H 506 2

MethCO2 W 35 2.5

H2O H 506 7

Borax W 19 2.5

11-13-73

Giggy

- can have but don't disclose
outside

RW Lounell

BCME

will find out status
they will put me on list

Les Young

wants us (NPCA) to call state

of N.C. - see if will relax deadline

call day 35

Bill Schniller 60

in view of shortages
of conforming solvents
MBIC problem

AN Dim

call Zapp - will call Thurs.

C.D. Reinacher in -

~~about~~ Donegan

part sign on W-96- asbestos

Geo. Peterson -

L no data

Geo Hilgeman

11-14-73

John Emerich
Theia Gun -

send them MSDS (he will order)
that should suffice

JA-Z

11-15-73

4966 don't have formula yet
Dr. Eckhart will call him back

Stop leak -

should try to elim hazards altogether
any case of cancer wouldn't be caused
to us because of lag
he has read of cases of 1 seing
exposure leading to mesothelioma

Rever

will call him ASAP -
Label warning - he will call FTJ

WSZ

11-15-73

MD

he will prepare statement

NJ. NPCA file for judicial review

Texas - new ^{or modified} source 15 lb/day

Conn -

already

will consider NPCA request
likely to change

NC.

have data - 30% short for

for R-66 conforming

500 mm lb/year NPCA est.

get Larry to call Knight

Eastman ^{unofficial} en - 3 weeks

Jim → MBK
not to be withdrawn

Indiana

Ray to see Thurs or Fri
hopefully

NY - new R 205

W C

11-15-73

Walter Ouel - Criterium

→ order the doc. it haven't done

Environment

he will attend Comoros's meeting

JAZ

Tenn.

36507 paint thinner

probably

wants for ind. hyg. inspection
and air sample

John Baker

Tenn Dept Publ Health

901 - 522 - 2787

		% by wt	
H-30	83 lbs	12.5%	acetone
44	120	12.	MIBK
12	46	7	n butyl alcohol
69	64	10.	isopropanol "
40	17	2.5	methyl isobutyl alcohol
583	51	7.7	Xylene
79	9	1.3	ethylene glycol monomethyl ether acetate
3214	373 21.	21.	
	663	100.0%	

didn't give
him any %

H423 -	52	petrol naphtha
H678	48	high purity H ₂
	100	

J. Allen

11-15-73

Okis -

20% hi solids

neg West. try to get 30% solvent

NPCA could also try

Postpone singl. based on shortages
cite EPA reg for Calif 11-12-73

J. A. Zapp

Mowall, Conn (203) 838-4706

Dr. Manfred M.D.

called ~~20 years later~~ didn't

Locate^R ~~at best~~ for sensitive people

willing to say so in a book

Painted surfaces

not exceptionally flammable

no toxic gases on "

Me tests run

J. Hughes

Foot Pedalino

Cellulose - tunnel tests

later paints neither propyl
or other flame

- Leroy Thomas -

he will consult w/ WSZ
+ call Knight about relief.

file for judicial Review in WT.

WSZ

San Diego. 3000 lb/
in checked reg.

1-1-74
~~2-9-74~~