



INTERNAL CORRESPONDENCE

514-149-2

RECEIVED

APR 18 1980

CHEMICALS AND PLASTICS • SO. CHARLESTON PLANT • P. O. BOX 8004, SO. CHARLESTON, WEST VIRGINIA 25303
R. N. Wheeler, Jr.

To (Name) R. N. Wheeler
Division
Location Building 3005-2

Date April 17, 1980
Originating Dept. Personnel Safety

Answering letter date

Copy to W. B. Troutman

Subject PVC Dust Monitoring

Dear Mr. Wheeler:

The attached, most-recent monitoring result represents typical employee exposure to PVC dust while bagging VAGH resin produced in our Solvent Vinyl Resin Unit.

Please call if you have any questions or if I can provide additional information.

Very truly yours,

W. C. Young
W. C. Young
Occupational Health Administrator

WCYoung:bl

Attachment

UCC
035052

INDUSTRIAL HYGIENE SURVEY REPORT

SOUTH CHARLESTON PLANT

To: J. L. Palmer

Date: April 15, 1980

cc: B. N. Glietta
W. B. Troutman

From: W. C. Young

Survey Date 4/9, 4/10, 4/11 Department/Location 083 / Bldg 177-5
^{Contaminant}
 Airborne ~~Chemical~~ Measurements PVC Dust File No. OH 1164 - 083/177-5
☒ Area/Source (7.3) (1), ☒ Occupational Exposure (7.4), ☐ Noise (8.1),
☐ Heat Stress (9.5), ☐ Illumination (9.6) ☒ Dust, Respirable/Total (9.7)

— BAGGING VAGH RESIN —

Sample Location, Employee Monitored	SSAN	Sample Duration, Minutes	Total Dust - Res. Dust Concentration, mg/m ³	Status (2)
4/9/80 Weighmaster breathing level		387	2.0 - 1.1	IC*
4/10/80 " " "		375	2.6 - 1.3	IC
4/11/80 " " "		375	5.6 - 1.3	IC

UCC
035053

Comments:

* Based upon OSHA nuisance dust permissible exposure limits, i.e., 15/5 mg/m³.
 Product blend numbers were A-5162, 5164, 5165 respectively. Bagging systems
 have local exhaust ventilation. Measurement Method 38C-10X2-R2.4

- (1) (n.n) = Plant 514 Standard Safety File Reference ^(Except for use of 0.45µ pore membrane filter. W.C.Y.)
- (2) IC = In Compliance, NC = Non-Compliance/TLV (Threshold Limit Value per 8-Hr. Per d),
 STEL (Short Term Exposure Limit), C (Ceiling Limit), ACGIH (American Conference of
 Governmental Industrial Hygienists), UCC (UCC Internal Standard/Guidelines),
 OSHA (Occupational Safety & Health Administration).
- (3) Please notify monitored employees of results in accordance with Plant 514 Safety/
 Health Procedure No. 16.