PLAINTIFF'S
EXHIBIT
CHR-182

DATA SHEET

AIR-BORNE DUST

DATE	LOCATION	DUST CONCENTRATION* IN M.P.P.C.F.
Maximum Allowable Concentration - Asbestos		5.0
2-8-65	Brake lining grinding - West side grinder	2.7
2-8-65	Brake lining grinding - East side grinder	1.5
2-8-65	Inspection operation - West side bench	2.4
2-8-65	Inspection operation - East side bench - West side employee	1.4
2-8-65	Number 2 saw - general air	1.5
2-10-65	Number 1 saw - general air	2.0
2-10-65	Number 3 saw - general air	3.4
2-10-65	Number 4 saw - general air	1.4
2-8-65	First floor mixer - general air	2.0
2-8-65	Dry mixer on balcony - South side mixer	3.0
2-8-65	Dry mixer on balcony - North side mixer	1.5
2-10-65	Dry mixer on balcony - South side mixer	5.7
2-10-65	Dry mixer on balcony - South side mixer	5.4
2-10-65	Dry mixer on balcony - South side mixer	3.3
2-10-65	Dry mixer on balcony - North side mixer	4.8
	Old Building - undercoat sealer mixer:	
2-12-65	Dixie clay added to mixer	24.0**
2-12-65	General air immediately following addition of clay	10.0**

* M.P.P.C.F. means million particles of dust per cubic foot of air
** Maximum allowable concentration is 20.0 m.p.p.c.f. for this type of dust.

Samples were collected with a Mines Safety Appliances Company Midget Impinger at breathing zone level.

TOLUENE VAPOR

LOCATION	TOLUENE VAPOR IN PARTS PER MILLION PARTS OF AIR
Threshold Limit Value	200
Unloading asbestos-solvent mixture from Baker-Perkins mixer into a wooden box	1500-1800
Shoveling asbestos-solvent mixture from the wooden box into extruder hopper	1100-1800
Breathing zone level of employee transferring sheet material to drying rack	200-900
Moving drying racks into oven drying area	800-1000

Toluene vapor concentrations were measured with a J and W Aromatic Hydrocarbon Indicator Model SS at breathing zone level.

DATA SHEET #2

METHYL ETHYL KETONE VAPOR

LOCATION	MEK VAPOR IN PARTS PER MILLION PARTS OF AIR
Threshold Limit Value	200
Employee applying coating to brake liners	80-320
Placing brake liners on drying rack	55-190
Pushing drying rack to ventilated area	800-1080

MEK Vapor concentrations were obtained with a J and W Aromatic Hydrocarbon Indicator Model SS at breathing zone level.

MONOCHLOROBENZENE VAPOR

LOCATION	MONOCHLOROBENZENE VAPOR IN PARTS PER MILLION PARTS OF AIR
Threshold Limit Value	75
Placing brake liners on drying rack - 5 minute average	60
Employee applying coating to brake liners - we could not sample the area because the sampling probe is not of sufficient length to reach from outside room to work area.	-

Vapor concentration was determined with a Davis Halide Meter.

ILLUMINATION LEVELS

LOCATION	ILLUMINATION IN FOOT CANDLES
Old Building:	
Area where K 124 and H2S drums are filled	4-6
Area where K 1011 and K 120 drums are filled	4-8
Northwest of Bandbury machine - 2 bulbs out of order	4
Roller end of above machine	4-6
Balcony - loading of Bandbury machine	4-6
Balcony - above K 1011 and K 120 drum filling operation	24-28
Farrell roller	4-8
Adamson United roller	50-60
Bench top	30-42
Aisleway - storage area	4-6
Loading dock area- near drums to be loaded - some bulbs out of order	7-12
Receiving dock area under balcony	6-10

DATA SHEET #3

ILLUMINATION LEVELS (CONT'D)

LOCATION	ILLUMINATION IN FOOT-CANDLES
Warehouse:	
Center of area	16-20
South area	8-16
Aisleway	18-22
New Building:	
Brake liner grinding - West grinder	50
- East grinder	50
Inspection operation - East side bench	125
Number 2 saw	50
Mixing area - balcony	46
Mixing area - first floor	20-25
Coating operation	30

Illumination levels were measured with a Weston Foot-Candle Meter model 614.

EXHAUST VENTILATION

LOCATION	AIR VELOCITY IN FPM
Balcony - North mixer - capture velocity	50-70
- South mixer - capture velocity	50-85
First floor - North mixer - capture velocity	less than 50
- South mixer - capture velocity	less than 50
Coating conveyor line - capture velocity	50-150
Hood above drums where H2S coating placed in drum - face velocity	140-150
Hood above drums where K 1011 and K 120 packaged - face velocity	280-300
Solvent room - diethylenetriamine addition - capture velocity	150-170

SANITARY FACILITIES

LOCATION	URINALS	STOOLS	BRADLEYS	WASH BASIN	FLOORS	WALLS	SHOWERS
New Building	1	3		3	O.K.	O.K.	6
Old Building:							
Second floor	3	3	1		O.K.	O.K.	4*
Receiving and shipping dock	1	1**		1***	O.K.	O.K.	

* Flat top lockers provided. We recommend slant top lockers because easier to clean.

** One toilet seat found to be broken

*** No powdered hand soap dispenser provided.