

CC: 1) S. P. Barre
2) J. F. Higni
R. L. Barnh
R. W. Hoffm
J. M. Kayser - 570
File 20.19

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TO: STAFF
AREA TECHNICAL

FROM: C. S. HORNBERGER

CH

UPDATE - CARCINOGEN LIST

The attached is an "Official" Du Pont list of carcinogens. This list will appear quarterly.

Those likely to be present on the plant are checked. Continued vigilance is needed to be aware of these since some appear in various forms. The extensive list of synonyms is maintained in the Industrial Hygiene file.

The notes below indicate probable locations.

Asbestos - insulation and Transite® insulation and building material - a problem when repaired. Respirators required for all work with these materials.

N-Nitrosodimethylamine - highly unlikely to be present in any significant amount. Subject to current analytical program.

Dioxane

Carbon tetrachloride - common laboratory chemicals. Some of which may still be found in laboratories.
Chloroform - To be handled only in a hood using Neoprene® gloves.

1,4-Dichloro-2-Butene (DCB) - production material currently limited to air concentration of 0.5 ppm with no skin contact permitted.

CSH:bg

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CARCINOGEN

1/30/76
 Revised 2/6/76 4/20/76
 2/12/76 7/20/76
 3/15/76 7/22/76

Attached is listing of synonymous names and codes for carcinogens currently listed in the Federal Register Section 1910-Subpart Z and Company carcinogens classified in accordance with Dr. Gee's Guidelines. Information source was the NIOSH Registry of Toxic Effects of Chemical Substances-1975 Edition and TOXLINE-National Library of Medicine's Chemical Dictionary. Synonymous names and codes (chemical names, trade names, common or generic names) for the following chemicals are included:

Federal Register-Section 1910-Subpart Z

Du Pont Industrial Departments

Page		Page
1	Asbestos	(Dr. Gee's Guidelines)
1	Coal tar pitch	Experimental Carcinogens
1	Coal tar pitch	Toluene, 2, 4 diamine (MTD)
1	Coal tar pitch	Hexamethylphosphoramide (HMPA)
1	Coal tar pitch	Ethylene thiourea (ETU)
2	Coal tar pitch	Dioxane
2	Coal tar pitch	Carbon tetrachloride
2	Coal tar pitch	Beta Propiolactone
3	Coal tar pitch	Chloroform
3	Coal tar pitch	Propyleneimine
3	Coal tar pitch	N-(2-hydroxyethyl) ethyleneimine
4	Coal tar pitch	Dimethyl Sulfate (DMS)
4	Coal tar pitch	Dimethylcarbamyl Chloride (DMCC)
4	Coal tar pitch	Tetramethyl Thiourea
5	Coal tar pitch	
5	Coal tar pitch	Suspected Carcinogens
6	Coal tar pitch	Lead Chromate
6	Coal tar pitch	Zinc chromate
6	Coal tar pitch	*1,4-Dichloro-2-Butene

* Standards classifying asbestos and coke oven emissions as carcinogens have been proposed, but have not been adopted.

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