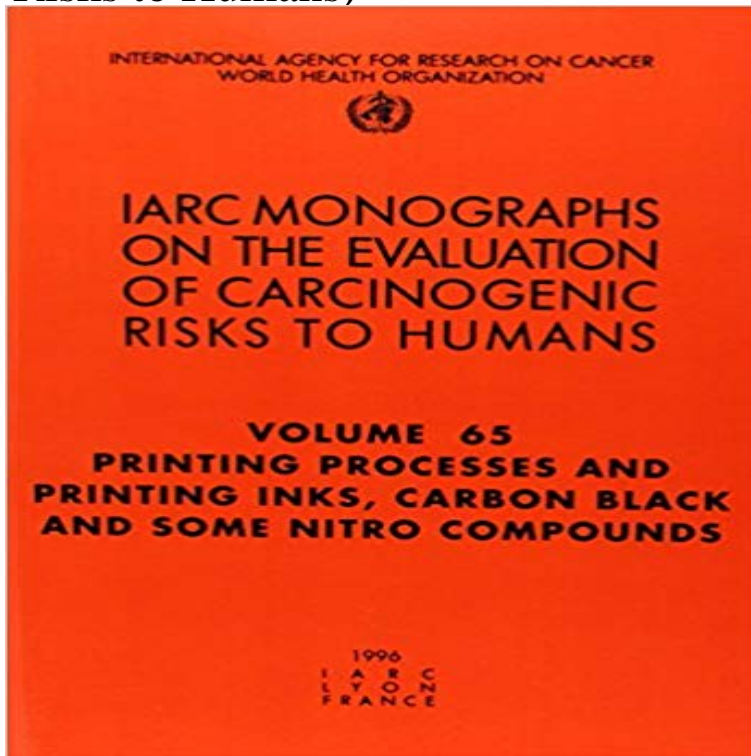


Printing Processes and Printing Inks: Carbon Black and Some Nitro Compounds (IARC Monographs on the Evaluation of the Carcinogenic Risks to Humans)



Exposures in the printing industry are assessed according to their occurrence in printing ink manufacture and in printing operations such as letterpress lithography flexography gravure and screen-printing. Although many epidemiological studies have demonstrated some evidence of cancer risk in printing trades and printing industries the assessment found several important problems in the design of these studies. Occupational exposures in printing processes were classified as possibly carcinogenic to humans. Printing inks could not be classified. The second monograph evaluates the carcinogenicity of carbon black an intense black pigment mainly used in tyres and other rubber automotive products and in many other rubber products. Although the evaluation found sufficient evidence in experimental animals that exposure to carbon black causes lung tumours data on carcinogenicity to humans were judged inadequate. Carbon black was classified as possibly carcinogenic to humans. The remaining monographs evaluate selected nitro compounds. Of these 3 7- and 3 9-dinitrofluoranthenes 2 4- and 2 6-dinitro-toluenes 2-nitroanisole nitrobenzene and tetranitromethane were evaluated as possibly carcinogenic to humans. Chloronitrobenzenes 3 5-dinitrotoluene nitrotoluenes 2 4 6-trinitrotoluene and musk xylene and musk ambrette could not be classified.

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Textbook of Cancer Epidemiology - Google Books Result Cover of Printing Processes and Printing Inks, Carbon Black and Some Nitro in vitro, these compounds induced chromosomal aberrations but not gene mutations. 3,7- and 3,9-Dinitrofluoranthenes are possibly carcinogenic to humans (Group 2B). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans **Printing Processes and Printing Inks, Carbon Black and Some Nitro** Printing Processes and Printing Inks: Carbon Black and Some Nitro Compounds (IARC Monographs on the Evaluation of the Carcinogenic Risks to Humans): **IARC Monographs on the Evaluation of Carcinogenic Risks to Humans** IARC monographs on the evaluation of carcinogenic risks to humans, vol 46. 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Cover of Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds this information available to the Unit of Carcinogen Identification and Evaluation, **LIST OF PARTICIPANTS - Printing Processes and Printing Inks** Cover of Printing Processes and Printing Inks, Carbon Black and Some Nitro IARC Monographs on the Evaluation of Carcinogenic Risks to Humans **TERT - Books Result - NCBI** 65.) Cover of Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds Booth, G. (1991) Nitro compounds, aromatic. . IARC (1987a) IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Suppl. **References - Printing Processes and Printing Inks, Carbon Black** Printing Processes and Printing Inks, Carbon Black and Some Nitro Compounds. 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