

SOME CHEMICALS USED AS **SOLVENTS AND IN POLYMER** MANUFACTURE

VOLUME 110

IARC MONOGRAPHS ON THE EVALUATION **OF CARCINOGENIC RISKS TO HUMANS**

International Agency for Research on Cancer



World Health Organization

ARC MONOGRAPHS

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This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, which met in Lyon, 3–10 June 2014

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IARC MONOGRAPHS

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Cover image: The photo on the cover shows the cleaning and emptying of a printing machine in a printing workshop © Guillaume J. Plisson for the Institut national de recherche et de sécurité pour la prévention des accidents du travail et des maladies professionnelles (INRS)



This sketch illustrates an example of occupational exposure to 1,2-dichloropropane, a solvent that is used for cleaning offset printing presses. Unprotected workers who clean the printing machines by hand are exposed to high levels of 1,2-dichloropropane vapour at close proximity, particularly in small, poorly ventilated rooms. This type of specific and intense exposure to 1,2-dichloropropane was observed in epidemiological studies on which the Working Group based its evaluation.

The sketch was drawn by Ms Tomoko Terashima and kindly provided by Mr Kenichi Kamae, Ministry of Health, Labour and Welfare, Japan.