

عنوان مقاله:

Knowledge, attitude and performance of wood painter about harmful effects of solvents and dyes on human health

محل انتشار:

مجله مدیریت ومهندسی بهداشت محیط, دوره 1, شماره 1 (سال: 1393)

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نویسندگان:

Mohammad Miri - *Ph.D Student of Environmental Health, Department of Environmental Health Engineering, School of Health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran*

Reza Ali Fallahzadeh - *MSc of Environmental Health, Department of Environmental Health Engineering, School of Health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran*

Mohammad Hassan Ehrampoush - *Professor of Environmental Health, Department of Environmental Health Engineering, School of Health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran*

Mohammad Hossien Salmani - *Ph.D Student of Analytical Chemistry, Department of Environmental Health Engineering, School of Health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran*

خلاصه مقاله:

Background: Solvents, which are widely used in industry, are able to dissolve another substance for creating a solution. Solvents have various effects on human health based on their type and chemical composition. **Methods:** This was a cross-sectional study to investigate the harmful effects of solvents on wood painters in Yazd city. To achieve information, a census questionnaire was prepared and distributed among wood painters. The studied parameters include the mean score of knowledge, attitude, and practice of wood painters about harmful effects of dyes and solvents on body according to age, work experience, education, hours worked per day, and smoking. The data of survey were analyzed by Chi-square test and T-test in SPSS. **Results:** The average age and work experience of wood painters were 29 and 7.5 years, and the age of 25 years and work experience of 5 years had the highest frequency among them. Analysis of data indicated that 71.8% of people had middle school and lower education level, 68.3% was married, 31.7% was single, and 37.5% was smoking. Average working hours were 8 hours in day. **Conclusion:** Results show that attitudes had significant correlation with education level and different age groups. None of the studied parameters were not significant correlation with performance. Also, there was significant correlation between knowledge with experience.

کلمات کلیدی:

Solvent effects, Knowledge, Attitude, Practice, Wood painter

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