

## Hubungan lama pemaparan benzen dalam lem dengan kadar heboglobin dan jumlah leukosit darah pengrajin sandal di Kampung Gunung Roay Kelurahan Kahuripan Kecamatan Tawang Kota Tasikmalaya , 2007

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### Abstrak

Benzene (C<sub>6</sub>H<sub>6</sub>) is one of chemicals which there is in glue. adhesion process of shoe at small industry enables happened absorbtion of benzen through inhalation because it has volatile characteristic. One of long - range benzen effect chronically is damage of bone morrow slowly and irreversible causing the happening of leucopenia, aplastic anemia or even leukimia. The Goal of research is to know the relation along of exposure with haemoglobin ate and number of blood leucocytes to sandal worker who exposed by benzen in glue in Kampong Gunung Roay sub-district of Kahuripan district Tawang Tasikmalaya. Research using survey methods and cross sectional approach. Sample 28 purposively are chosen out of 32 mans is working for part of adhesion. Data analized with Rank spearman test. Result of the research showing responden who have normaly haemoglobin rate that is between 14 - 18 mg/dl are 24 responders (85,7%) and number of normaly blood leucocyties between 4000-10000 mm<sup>3</sup> are 21 responders (75%) and leucocyte > 10000counted 7 responder (25%). Based on Rank Spearman indicated there is significantly correlation between eksposure with rate Hemoglobin p=0, 048 at a 0,05 and strength of medium relationship 378 and there is where r = 0, 378 and there is relationship significant between eksposure with number of Leukocyt with value p = 0,021 at a 0,05 and strength of medium relationship of r = 0,433