

Carpet Maker in Release Work Hygiene

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Of the subject relevance. of Uzbekistan economic and social development chemistry industry products work release continuous increase, new polymer materials and of them prepared items appropriation and a person of activity all polymer carpet products Current at the time polymer carpet products (PGM) daily in life, administrative and public in buildings, car showrooms cover material as wide is used.

polymer carpet products - synthetic from threads (nylon, nitron, lavsan, sometimes cotton threads added) knitting in equipment work issued cover _ Carpets bottom part styrene-butadiene latex based on latex dimensions with covered _ of PGM wide application, production release in the process they are with in touch those who are number constant respectively increase, labor hygiene and occupation pathology forward wellness events work exit with depends one series issues puts _ of PGM wide application, production release in the process they are with in touch those who are number constant respectively increase, labor hygiene and occupation pathology forward wellness events work exit with depends one series issues puts _

Current to the day until work in release labor protection to do issues good not studied. Migration from PGM in the literature of products to the body effect as well styrene and common shake to the body together effect - PGM production in release surface coming factors about information almost no was _

With that together, literature information analysis to do that's it shows that the structure in terms of similar polymer carpet products, in particular, bicycles rubbers based on a person to health negative effect showing substances bathing environment to issue able AN Bokov (1988). D. M. Klimova (1996), EK Magdesyan.

Chemical of factors together effect to learn dedicated some at work to the isolated ones relatively joint effect to do with effect increased about evidence available (L.Ya. Tartakovskaya and others 1982). V. M. Neizvestova, 1982), VIVlasov (2014) and others _

So so, this of work of PGM at the beginning safe work release as well them hygienic in terms of in order styrene _ _ and common shake to the body together effect, production in release surface coming factors about data enough it's not was _ Polymer carpet products are also considered unexplored _ _ need _

Research purpose and duties. This of work purpose polymer carpet products work release in the process of workers work conditions and health situation learning and wellness events work exit was _

This to the goal reach for the following research duties marked:

- When receiving a PNI work conditions study _
- PGM development in release of workers health situation study _
- to animals in experience otirol and common shake separated and joint effect features study _

- per PGM bilaterally giving a hygienic assessment;
- of diseases appear of being prevention to get and personal protection tools work release with engaged in of workers efficiency to increase directed health storage events complex work exit _

Polymer carpet products work was busy issuing of workers work conditions to improve directed wellness events complex work released _ research and the results done increase current importance Hygienic, clinical and experimental studies results developed by NCI in release healthy measures complex work exit for basis it has been. This hygienic recommendations done increase for acceptance done and " Lyubertsy carpets " (Lyubertsy) OJSC complex to the plan included, a letter from ;" _" _).

Ready polymer carpet of products experimental studies materials to us their hygienic in order to be put scientific to justify possibility gave _ for hygienic certificates work exit and confirmation this products work issue (certificate #_ Materials and research methods. This work in execution hygienic, clinical, container-chemical, physiological, toxicological, biochemical, morphological and statistics research methods used.

Polymer carpet products work issuing " Lyubertsy carpets at the enterprise of OJSC (Lyubertsy). work release and hygienic studies was conducted.

Labor conditions sanitary and hygienic evaluation in hygiene generally accepted done of methods used without done increased and technological the process the air environment of the situation hygienic features with to learn own into received _ Work area in the air styrene steam determination spectrophotometric method using done increased _

Polymer _ carpet products work in release of workers get sick study from 2021 to 2024 has been period work of ability temporary gradation with illness analysis to do through in dynamics done increased and deepened _ _ medical out of sight all 2500 units _ release and hygienic inspections held (sh including the air analysis, microclimate parameters measurement, noise, vibration). More than 220 workers out of sight held, about 2000 disease holidays leaflets analysis done.

Styrene and common shake together influence as well polymer carpet products of toxicological and hygienic features evaluation according to experimental studies " Chemical of substances combined of influence effect learning according to research transfer according to methodical in accordance with recommendations " done increased _ the work environment hygienic evaluation in order to physical factors (noise, vibration, raised temperature), as well as in " Residential construction use for intended polymer construction materials sanitary and hygienic control to do according to methodical recommendations " buildings and public buildings " (1985) and " Artificial evaluation according to temporary instructions.

In the air styrene and I,3-butadiene vapors determination spectrophotometric methods using done increased _

Experimental in the circumstances subacute and chronic in experiments styrene and common shake an animal to the body insulation done and combined effect 400 white in the rat was studied and polymer carpet from products moved walker substances of the complex biological activity was studied.

Experiments about 3000 in 30 tests during studies held, this of the organism different members and systems (nervous system, liver, kidneys, enzymes status and others) functional situation evaluation enable will give.

Received results generally accepted done statistics processing from giving was conducted. Styrene and common shake together effect learning for chronic from the experiment received experimental material dispersion and factors from the analysis used without IVM RS XT computer from the program used without mathematician processing from giving was conducted. Information collection to compare for £ (Student) criterion used _

MAIN RESEARCH RESULTS

I. Polymer carpet work in release work conditions hygienic features.

polymer carpet products the to get technological process preparation in the shop done to be increased preparation from operations consists of being, this on the ground the rays formation process done is increased; knitting in the shop knitting the way with PKI _ to get real process and polymer _ carpet of products weaving basis print road with painted and latex mixture with processing given finishing in the shop executable final operations; In the future ready products control to do done is increased.

Glazed chemical substances work release technological process hygienic evaluation that's it showed that different in stages workers work release environment factors complex: steam, synthetic fiber dust, noise, vibration and others to the effect subject to to be possible (Table I).

Knitting and finishing of the shops all the work in places the work in place of air styrene with contamination observed. So carpet makers _ the work in places the work of place in the air styrene of steam concentration from 0.5 to 1.5 mg/ mg was _ Styrene of vapors the most high concentration chemical solution of the preparer the work in place " latex observed in the groove " and Hot in season mutually ventilation and the work ventilation with from 1.86 mg / m3 to 20.79 mg / m3 in the cold was _ ventilation in his absence seasonal years _ Other the work in places the work of place in the air styrene of vapors quantity high has been

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