

DR. COPLANS AND ETHYL.

WORKERS' HEALTH.

Further facts of profound interest in connection with the health of the public are contained in the second section of the medical report on ethyl petrol prepared for *The Daily Mail* by Dr. Myer Coplans, D.S.O., and published to-day in Page 17.

This report is based on prolonged and exhaustive investigations carried out on behalf of *The Daily Mail* by Dr. Coplans and the Research Association of British Motor and Allied Manufacturers.

Points brought out in to-day's instalment are:

1. Regarding the handling of the components and oily surfaces of engines in which ethyl petrol has been extensively used.

A. The proportion of lead present considerably exceeds the limits laid down for lead paint. If these materials were being handled by a painter the Lead Paint Regulations (1927) would automatically apply for the protection of the health of the worker.

B. No handling with the bare hands by any person of these oily deposits and contaminated parts should be permitted.

2. The exhaust gases from motor-cars.
In the Lead Paint Regulations (1927) it is expressly forbidden to apply lead paint in the form of a spray in the interior painting of buildings, yet the motor exhaust from a car using ethyl petrol delivers lead into the atmosphere in the form of a fine spray from the exhaust pipe.

3. The risk of evaporation causing a greater concentration of lead tetra-ethyl.
In view of this it is dangerous to allow ethyl spirit to dry upon the skin.

The remaining instalments of the report will appear in due course.