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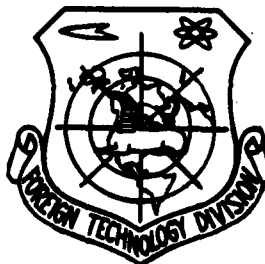
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# FOREIGN TECHNOLOGY DIVISION



THE ADHESIVE COMPOSITION FOR PLASTICS

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## EDITED TRANSLATION

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6 THE ADHESIVE COMPOSITION FOR PLASTICS

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Mina Winters

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PREPARED BY:

TRANSLATION DIVISION  
FOREIGN TECHNOLOGY DIVISION  
WP-AFB, OHIO.

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Journal of Chemistry

\* Chemistry  
\* Chemical Engineering  
\* Chemical Equipment

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Patent

The Adhesive Composition for Plastics  
(Compoziția Adezivă pentru Materiale Plastice)

The Socialist Republic of Romania Patent Number 59583

The invention concerns the adhesive composition for plastics in general, and for polyethylene in special.

The adhesives known have the advantage that they form opaque gluing, limiting their use to only cases of non-transparent plates.

The adhesive composition, according to the invention, consists of a mix of two components:

- 75 - 97.5% grams polymers  $C_5$  with a molecular weight of between 1500 and 2000, and an iodine value of between 160 and 200g/100g, with a viscosity of between 6,800 and 24,000 cP, at 20°C;
- 8.5 - 25% grams copolymer, grafted with maleic anhydride, with a molecular weight between 1,000 and 2,300, viscosity at 20°C of between 8,000 and 28,000 cP and a maleic anhydride of 15 - 18%.

The adhesive composition is transparent and practically colorless, it presents flexibility and resistance and it is used for plastics,

especially polyethylene.

File Number 62082

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Authors: Eng. constantin Roncea  
Dr. Eng. Mircea Corcovei  
Dr. Eng. Victor Părăușeanu  
Chemist Doru Mihăiță  
Eng. Dumitru Nistor  
Eng. Augustin Cotoagă

Holder of Title: "Policolor", Bucharest, manufacturers of varnishes  
and dyestuff.

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