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**NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC
OF CHINA**

中华人民共和国国家标准

GB 21550-2008

**Restriction of hazardous materials in polyvinyl
chloride artificial leather**

聚氯乙烯人造革有害物质限量

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Foreword

Chapter 3 of this standard is mandatory and the rest are voluntary.

Polyvinyl chloride artificial leather is mainly applied to automobile inner finishing, building decoration, soft furniture, clothing, medical device and home appliance which are closely related to our daily life. The implementation of this standard is favorable to restrict hazardous material content, improve living environment and protect the health of human beings. After implementing this standard 6 months later, the products incompliant to this standard shall not be marketable any more.

This standard was proposed by China National Light Industry Council.

This standard is under the jurisdiction of National Technical Committee of Standardization for Plastic Products.

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Restriction of hazardous materials in polyvinyl chloride artificial leather

1 Scope

This standard specifies the limits, test methods, sampling and inspection rules of vinyl chloride monomer, soluble lead, soluble cadmium and other volatile matter in polyvinyl chloride artificial leather.

This standard is applicable to the polyvinyl chloride artificial leather (hereinafter referred to as artificial leather), foaming or unfoaming, with or without base materials, produced by coating, rolling and compounding processes with polyvinyl chloride resin as principal raw materials and proper accessory ingredient.

2 Normative References

The articles contained in the following documents have become this Standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

3 Requirements

3.1 Limit content of vinyl chloride monomer

Vinyl chloride monomer content in polyvinyl chloride layer of artificial leather shall not be larger than 5mg/kg.

3.2 Limit content of soluble heavy metal

In artificial leather, soluble lead content shall not be larger than 90mg/kg, soluble cadmium content shall not be larger than 75mg/kg.

3.3 Limit content of other volatile matter

Other volatile matter content in artificial leather shall not be larger than 20g.

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