MALAYSIAN STANDARD

MS 291 : 1984
ICS : 87.040

SPECIFICATION FOR PAINT, VARNISH AND LACQUER REMOVER, SOLVENT TYPE, NON-FLAMMABLE (FIRST REVISION)

STANDARDS & INDUSTRIAL RESEARCH INSTITUTE OF MALAYSIA

This Malaysian Standard, which had been approved by the Chemical and Pharmaceutical Industry Standards Committee and endorsed by the Council of the Standards and Industrial Research Institute of Malaysia (SIRIM) was published under the authority of the SIRIM Council in May, 1984.

SIRIM wishes to draw attention to the fact that this Malaysian Standard does not purport to include all the necessary provisions of a contract.

The Malaysian Standards are subject to periodical review to keep abreast of progress in the industries concerned. Suggestions for improvements will be recorded and in due course brought to the notice of the Comittees charged with the revision of the standards to which they refer.

Amendments issued since publication

Amd. No	Date of issue	Text affected

The following references relate to the work on this standard:

Committee reference : SIRIM 402/2/1

Draft for comment : D20 (ISC B)

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Committee representation

The Chemical and Pharmaceutical Industry Standards Committee under whose supervision this Malaysian Standard was prepared, comprises representatives from the following Government Ministries, trade, commerce and manufacturer associations and scientific and professional bodies.

Federation of Malaysian Manufacturers

Malaysian Institute of Chemistry

Malaysian Paint Manufacturers Association

Malaysian Pharmaceutical Society

Ministry of Defence (Defence Research Centre)

Ministry of Health (Institute for Medical Research)

Ministry of Science, Technology and the Environment (Chemistry Department)

National Chambers of Commerce and Industry of Malaysia

Petronas

The Technical Committee on Paints, Solvents and Allied Products which prepared this Malaysian Standard consists of the following representatives:

Encik Yu Chun Lum	Ministry of Defence (Defence Research Centre)
Cik Yong Mei Yoke	Malaysian Paint Manufacturers Association & Federation of Malaysian Manufacturers
Tuan Syed Zed Al-Attas	MARA Institute of Technology
Prof. Chan Kai Cheong	University of Malaya
Dr. Akram bin Che Ayub	Universiti Kebangsaan Malaysia
Encik Hamdam bin Musa/ Encik Husny Ahmad	Universiti Teknologi Malaysia
Encik Abdullah bin Atan	Ministry of Housing and Local Government
Assistant Director (Laboratories)	Public Works Department
Puan Goh Beng Teng (co-opted member)	City Hall, Kuala Lumpur
Encik Ooi Cheng Lee (Secretary)	Standards and Industrial Research Institute of Malaysia

FOREWORD

This Malaysian Standard was prepared by the Technical Committee on Paints, Solvents and Allied Products under the authority of the Chemical and Pharmaceutical Industry Standards Committee.

In the preparation of this standard, reference was made to the following:

(a) Federal Specification TT-R-251 d, 'Remover, paint (organic solvent type)'

(b) British Standard 3761 : 1970, 'Specification for non-flammable solvent-based paint remover'.

(c) Australian Standard K147 : 1964, 'Specification for paint, varnish and lacquer remover non-flammable, water-rinsable'.

(d) Malaysian Standard MS 133, 'Methods of test for paints'.

Verification tests have been carried out on the efficiency of the remover and it was found that 5 ml of the remover was enough to remove completely the paint film from the test panels. The Committee decided to base this specification on performance criteria rather than relying on a minimum dichloromethane content as a composition requirement to ensure adequate performance.

This Malaysian Standard is intended to supersede MS 291 : 1975