PREFACE

This Standard was prepared by Standards Australia Committee PK-025, Packaging Code to supersede, AS 2400.5—1988, *SAA Packaging Code*, Part 5: *Metal protection*.

The objective of the Standard is to specify new classifications for the temporary protection of metal surfaces.

Bare metal surfaces may rust and corrode because of the effect of humidity or polluted atmosphere. To prevent rust and corrosion, temporary corrosion preventives are used, primarily during transportation and storage. The degree of protection will depend on exposure conditions and on the period for which protection is required, which may vary from a few days to a year or longer. Corrosion prevention and subsequent packaging should be considered together.

During the preparation of this Standard, cognizance was taken of the following International Standard:

ISO
6743 Lubricants, industrial oils and related products (class L)—Classification
6743-8 Part 8: Family R (Temporary protection against corrosion)

This Standard is one of a series of Standards covering the range of packaging Standards. The series comprises the following:

AS
2400 Packaging
2400.1 Part 1: Glossary of packaging terms
2400.5 Part 5: Temporary corrosion protection (this Standard)
2400.6 Part 6: Paper and paperboard
2400.7 Part 7: Timber boxes
2400.8 Part 8: Textile bags, sacks and wrappings
2400.10 Part 10: Protection against shock and vibration (cushioning)
2400.11 Part 11: Cordage
2400.12 Part 12: Adhesive closing and sealing tapes
2400.13 Part 13: Tensional strapping
2400.14 Part 14: Adhesives
2400.16 Part 16: Flexible packaging
2400.18 Part 18: Use of desiccants in packaging
2400.22 Part 22: Closures

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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1.5 CLASSIFICATION

Temporary preventives classification R is divided into categories of products required for the main applications of temporary protection against corrosion, in relation with duty conditions and nature of the protecting film as specified in Table 1.

Each category is designated by a symbol consisting of a group of letters, which together constitute a code.

The first letter of the category (R) identifies the family of the product considered any following letters taken separately have no significance on their own.

The designation of each category may be supplemeted by the addition of viscosity grades according to ISO 3448.

In this classification system, products are designated in a uniform manner.

Example:

A particular product may be designated in complete form:

AS 2400.5-L-RE, or in abbreviated form L-RE.

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