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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Urethane Foam Association (JUFA)/The Japan Plastics Industry Federation (JPIF)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS A 9526** : 2013 is replaced with this Standard.

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Spray-applied rigid polyurethane foam for thermal insulation

Introduction

This Japanese Industrial Standard was established in 1989 and has gone through five revisions up to the present. The last revision was in 2013, and this revision has been made to correspond to the development of technology using foaming agent hydrofluoroolefin (HFO) [1] whose ozone-depleting potential (ODP) is 0, and, global warming potential (GWP) is less than 50. This foaming agent hydrofluoroolefin (HFO) is not included in fluorocarbons. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex A.

No corresponding International Standard has been established at this point.

Note [1] Hydrofluoroolefin (HFO) refers to HFO-1233zd and HFO-1336mzz and others.

1 Scope

This Standard specifies the spray-applied rigid polyurethane foam stock solution mainly used for the thermal insulation working at construction site and the thermal insulation products manufactured in factory. This Standard specifies the quality of stock solution based on the specification of the quality of spray-applied rigid polyurethane foam obtained when it is spray-applied under definite conditions where the actual application is assumed.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standard (including amendments) indicated below shall be applied.

JIS A 1324 *Measuring method of water vapor permeance for building materials*

JIS A 1412-1 *Test method for thermal resistance and related properties of thermal insulations — Part 1 : Guarded hot plate apparatus*

JIS A 1412-2 *Test method for thermal resistance and related properties of thermal insulations — Part 2 : Heat flow meter apparatus*

JIS A 9511 *Preformed cellular plastics thermal insulation materials*

JIS K 7100 *Plastics — Standard atmospheres for conditioning and testing*

JIS K 7117-1 *Plastics — Resins in the liquid state or as emulsions or dispersions — Determination of apparent viscosity by the Brookfield Test method*

JIS K 7117-2 *Plastics — Polymers/resins in the liquid state or as emulsions or*

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