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SOUTH AFRICAN NATIONAL STANDARD

Sprayed plastics foams for use in mines

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Table of changes

Change No.	Date	Scope

Foreword

This South African standard was approved by National Committee SABS TC 1021, *Expanded (cellular) plastics and thermal insulation*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

A reference is made in 4.2.3 to “national regulations and statutory requirements for hazardous chemical substances”. In South Africa this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) (as amended from time to time) and the Hazardous Chemical Substances Regulations promulgated in terms of the act. A reference is made in B.3 to “national regulations and statutory requirements for health and safety in mines”. In South Africa this means the Mine Health and Safety Act, 1996 (Act No. 29 of 1996) (as amended from time to time).

Annexes A and C are for information only. Annex B forms an integral part of this standard.

**Reaffirmed and reprinted in April 2012.
This standard will be reviewed every five years
and be reaffirmed, amended, revised or withdrawn.**

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Sprayed plastics foams for use in mines

1 Scope

This standard gives the safety requirements for single-component and multi-component foams applied in mines for ventilation control, for the insulation of refrigeration installations or for use as tamping.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this standard. All normative documents are subject to revision and, since any reference to a normative document is deemed to be a reference to the latest edition of that document, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent editions of the normative documents indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

2.1 Standards

SANS 11014-1, *Safety data sheet for chemical products – Part 1: Content and order of sections.*

2.2 Other publications

Montreal Protocol on substances that deplete the ozone layer (as adjusted and/or amended from time to time).¹⁾

NES 713, *Determination of the toxicity index of the products of combustion from small specimens of materials.*²⁾

3 Definitions

For the purposes of this standard, the following definitions apply:

3.1

flame spread

distance of sustained burning, disregarding surface flashing

3.2

punking

measure of the continued thermal decomposition of a material after the removal of a fire source

¹⁾ Published by Secretariat for the Vienna Convention for the Protection of the ozone layer and The Montreal Protocol on substances that deplete the ozone layer.

²⁾ Published by the Defence Procurement Agency, The Ministry of Defence, United Kingdom.