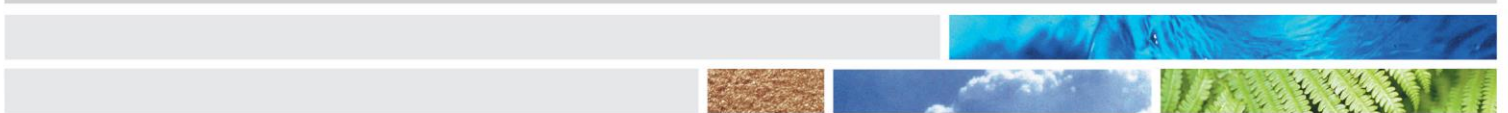




Environmental  
Protection Authority  
*Te Mana Rauhi Taiao*

# Graphic Materials Group Standard 2018 – HSR008053



## **GROUP STANDARD**

UNDER THE HAZARDOUS SUBSTANCES AND NEW ORGANISMS ACT 1996

# Graphic Materials Group Standard 2018

Pursuant to clause 5 of Schedule 7 of the Hazardous Substances and New Organisms Act 1996 (the Act), the Environmental Protection Authority has reviewed and, for the purpose of updating, reissues this Group Standard.

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## 1. Name of Group Standard

Graphic Materials Group Standard 2018

### *HSNO Approval Number*

The HSNO Approval Number for this Group Standard is HSR008053.

## 2. Commencement

This Group Standard comes into force on 28 May 2018.

## 3. Interpretation

- (1) In this Group Standard, unless the context otherwise requires, words and phrases shall have the meanings given to them in Schedule 2. Any words or phrases that are used but not defined in this Group Standard but that are defined in the Act have the same meaning as the Act.
- (2) In this Group Standard, references to a hazardous property of a substance being equivalent to a specified HSNO hazard classification, means a reference to the specified hazard classification as set out in the Hazardous Substances (Classification) Notice 2017.

## 4. Scope of Group Standard

### *Substances covered by Group Standard*

- (1) This Group Standard applies to hazardous substances under section 96B(2)(a), (b) (c) and (d) of the Act.
- (2) This Group Standard applies to substances that are imported or manufactured for use as graphic materials.
- (3) This Group Standard is the sole means of compliance for finger paints, children's crayons and children's water colour paints. Graphic materials which cannot meet the scope of this Group Standard, and are not finger paints, children's crayons or children's water colour paints, may fit within the scope of a relevant Surface Coatings and Colourants Group Standard.
- (4) A substance referred to in subclause (2) must not contain, incorporate or include a leachable quantity of any of the following elements which exceeds the limits specified in the table below—

### Maximum leachable quantity limits

Element		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Maximum leachable quantity in mg/kg graphic material	Any graphic material except for finger paint	60	25	1000	75	60	90	60	500
	Finger paint	60	25	250	50	25	90	25	500

Sb = Antimony, As = Arsenic, Ba = Barium, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg = Mercury, and Se = Selenium

- (5) A substance referred to in subclause (2) must not have any hazardous property that would trigger any hazard classification other than ecotoxicity, HSNO class 9 classification.
- (6) Reference to leachable quantity in subclause (4) means the total quantity of the substance capable of being extracted from the material by direct extraction by simulated gastric acid.

*Substances excluded from Group Standard*

- (7) This Group Standard excludes any substance if it contains—
  - (a) asbestos; or
  - (b) a chemical that:
    - (i) is a persistent organic pollutant within the definition in section 2 of the Act; or
    - (ii) exhibits the characteristics of a persistent organic pollutant as set out in paragraph 1 of Annex D to Schedule 1AA of the Act.

## **5. Conditions of Group Standard**

The conditions that specify the obligations and restrictions for substances covered by this Group Standard are set out in Schedule 1.

Advisory Note: In addition to requirements specified in this document, people who are undertaking work at a workplace involving hazardous substances covered by this Group Standard have obligations under the Health and Safety at Work Act 2015.

## Schedule 1: Conditions of Group Standard

### Part 1 - Compliance with EPA Notices

#### 1. Labelling and advertising

Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Labelling) Notice 2017.

#### 2. Safety Data Sheets

Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Safety Data Sheet) Notice 2017.

#### 3. Packaging

Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Packaging) Notice 2017.

#### 4. Disposal

Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Disposal) Notice 2017.

#### 5. Restrictions on supply and use

Substances covered by this Group Standard must comply with the relevant provisions of the Hazardous Substances (Hazardous Property Controls) Notice 2017.

### Part 2 - Notification to the Environmental Protection Authority

#### 6. Evidence of compliance with clause 4 of this Schedule

- (1) Any person importing or manufacturing a graphic material that is intended for use by children and is—
  - (a) a water colour paint; or
  - (b) a crayon; or
  - (c) a finger paint,must first satisfy the Environmental Protection Authority (by providing any evidence the Environmental Protection Authority reasonably requires) that it meets the requirements of clause 4 (4) of this Group Standard.
- (2) Where compliance is demonstrated by laboratory testing, such testing must be undertaken by an IANZ accredited chemical testing laboratory or a laboratory with equivalent accreditation.

### Part 3 - Other Matters

#### 7. Assigning a substance to a group standard

- (1) If an importer or manufacturer considers that this Group Standard applies to the importation or manufacture of a substance, then the importer or manufacturer is responsible for assigning the substance to this Group Standard.

- (2) In order to assign the substance to this Group Standard, the importer or manufacturer must—
  - (a) ensure that the substance complies with clause 4 of this Group Standard (Scope of Group Standard); and
  - (b) keep a record of how it was determined the substance complies with clause 4 of this Group Standard.
- (3) The importer or manufacturer must—
  - (a) ensure that the record contains sufficient information to allow for independent verification that the substance complies with clause 4 of this Group Standard (Scope of Group Standard); and
  - (b) have that record available for inspection.

**8. Graphic materials not to cause harm**

- (1) No graphic material may cause damage to human health under normal or reasonably foreseeable conditions of use.
- (2) In determining normal or reasonably foreseeable conditions of use, the manufacturer or importer must give consideration to:
  - (a) the presentation of the graphic material in any retail or consumer package;
  - (b) the labelling of the graphic material including any labelling or markings on the retail or consumer package;
  - (c) any instructions for its use and disposal;
  - (d) any other information provided by the manufacturer or importer.

## Schedule 2: Interpretation

**asbestos** has the same meaning as in the Health and Safety at Work (Asbestos) Regulations 2016

**crayon** means a stick of coloured waxy material for writing, drawing, marking or painting

**finger paint** means a paste or jelly-like, coloured preparation specially designed for children, directly applicable to suitable surfaces with the fingers and hands

**graphic material** means a material which is deposited onto another material by a graphic[s] instrument including fingers and hands for the purpose of writing, drawing, painting or marking, and includes but is not limited to—

- (a) a crayon;
- (b) a water colour paint;
- (c) a finger paint;
- (d) pastels, chalk, coloured pencils and felt pens

**substance** means any solid or liquid graphic material that is within the scope of clause 4 of this Group Standard (Scope of Group Standard)

**water colour paint** means a colouring material, made of pigment to be diluted with water and not oil, for imparting colours to an inanimate surface. Water colour paints do not include face paints

**workplace** has the same meaning as in the Health and Safety at Work Act 2015

## Explanatory note

*This note is not part of the group standard, but is intended to provide guidance to users of the group standard.*

- (1) Face paints are not water colour paints or finger paints. Face paints are cosmetic products. A cosmetic product means any product or preparation intended to be placed in contact with the various external parts of the human body (epidermis, hair system, nails, lips and external genital organs) or with the teeth and the mucous membranes of the oral cavity with a view exclusively or mainly to cleaning them, perfuming them, changing their appearance and/or correcting body odours and/or protecting them or keeping them in good condition. Cosmetic products are regulated under the Hazardous Substances and New Organisms Act through the Cosmetic Products Group Standard 2006.
- (2) Schedule 1, Part 2, 6(2) of this Group Standard requires that, where compliance is demonstrated by laboratory testing, such testing/analysis must be undertaken by an IANZ accredited laboratory or equivalent. The Group Standard does not specify the particular test methodology that should be employed. It is expected that accredited laboratories will select the appropriate test methodology. The Authority considers that acceptable test methods will include those specified in the British Standard EN 71.3 or the Australian/New Zealand Standard AS/NZS ISO 8124.3:2003.
- (3) Under the Act, section 96E(3) provides that a hazardous substance to which section 96B(2)(a) applies is deemed to have been approved by the Authority under section 29.
- (4) Any transitional measures that were in this Group Standard immediately prior to 28 May 2018 but have expired have not been included in this reissued Group Standard.
- (5) All amendments made under section 96B to the Group Standard since it was first issued that are still in force have been incorporated into this reissued Group Standard.
- (6) In addition to requirements specified in this document, people who are undertaking work in workplace involving hazardous substances covered by this Group Standard have obligations under the Health and Safety at Work Act 2015.
- (7) A person relying on this Group Standard will have four years (until 28 May 2022) to comply with the Labelling, Safety Data Sheet and Packaging Notices. Within that time, a person may comply with the equivalent conditions in the Group Standard in force immediately before 28 May 2018. All other aspects of this Group Standard apply from 28 May 2018.





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