

## Signage

Signage Your store must have signs if the quantity of hazardous substances exceeds the threshold quantity.<sup>1</sup>

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Threshold quantities The table below gives examples of the threshold quantities for some substances typically held at retail hardware stores.

**Table Examples of signage threshold quantities**

Relevant hazard classification	Example of hazardous substance	Threshold quantity
2.1.1A non-permanent gas	LPG	250 kg
2.1.2A	Flammable aerosol	3,000 L aggregate water capacity
3.1B	Methylated spirits	250 L
3.1C and 9.1B	Kerosene	1,000L
9.1B	Kerosene	1,000 kg or 1,000 L
5.1.1B	Calcium hypochlorite	500 kg or 500 L

Note 1: Many hazardous substances have multiple hazard classifications. Each hazard classification needs to be considered and where the threshold quantity of each hazard classification is exceeded, signage pertinent to that hazard classification must be erected.

Note 2: For a comprehensive list of hazard classifications that activate the requirement for signage, refer to the Retail Hardware Stores section of the industry information on the ERMA New Zealand website:

<http://www.ermanz.govt.nz/hs/index.html>

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Information required on signs

The signage must explain:

- The hazardous substances present (see item 1 in the example). The signs do not have to list the specific substances stored on-site.
  - The general type and degree of hazard (see item 2 in the example). The signs must depict the type of hazards associated with the substance.
  - Steps to prevent unintended ignition (see item 3 in the example). If the retail hardware store exceeds the threshold quantity of a flammable substance, signs must explain how to avoid the unintended ignition of that substance.
  - The action to be taken in an emergency (see item 4 in the example).
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<sup>1</sup> Regulations 29 and 52 of the Hazardous Substances (Identification) Regulations 2001 and regulation 42 of the Hazardous Substances (Emergency Management) Regulations 2001.

Location and visibility	<p>When the hazardous substance is held outdoors, signs must be displayed near the substance, for example, near LPG cylinder storage.</p> <p>Signs must be easy to read and understand from a distance of 10 m.</p> <p>You should have signs at each public access to the building.</p> <p>Within the building you need to identify the extent of hazardous atmosphere zones and controlled zones.</p> <hr/>
Examples	<p>The exact nature (for example, size, colour, font or wording) of signs is not prescribed in the regulations. You can have signs that best suit your needs. The information can be in the form of pictures or words, but must be legible, durable and easily understandable.</p> <p>Common pictograms and a typical sign are included in the example).</p> <hr/>
Further Information	<p>Further information is available in the Approved Code of Practice – Signage for Premises Storing Hazardous Substances and Dangerous Goods developed by the New Zealand Chemical Industry Council (NZCIC).</p> <hr/>


## Example

### Examples

The following are examples of pictograms that can be included on signs in retail hardware stores. The requirements for signage are not prescriptive, so you can take the approach most suitable for your store.

Item*	Pictogram	Description
Items 1 and 2		Flammable gas
		Flammable liquid
		Oxidising agent
Item 3		Toxic to aquatic life
		No smoking
		No ignition sources
		No naked flames (including pilot lights)
Item 4		Turn off mobile phone and other electronic devices
		Dial 111 Fire Service
* See section 8.		

### Example of typical sign

<b>HAZCHEM</b>	
No smoking, naked lights or ignition sources	
IN EMERGENCY DIAL 111, FIRE , POLICE OR AMBULANCE	