

The isosafety package*

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1 Introduction

This package provides ISO colors and ISO signs according to the ISO standards 3864 and 7010. It can be useful when creating instructions for chemical or physical experiments.

2 Dependencies

The package has the following dependencies: `graphicx`, `xcolor`.

3 Usage

3.1 ISO colors

There are 6 colors that are also used in the signs:

Warning	Warning Color
Prohibition	Prohibition Color
Mandatory	Mandatory Color
Rescue	Rescue Color
Backgrounds	Backgrounds Color
Symbol	Symbol Color

3.2 Colors - Example

```
{\color{Mandatory} Text with mandatory color}
```

3.3 ISO signs

The signs from ISO are placed in a category, have a letter and a number

- Safe condition - Letter E (001 - 070)

*This document corresponds to isosafety v1.1, dated 2023/11/09.

- Crescent variant - CV (003, 004, 009, 010, 011, 012, 013, 027, 028, 029, 064, 067)
- Fire Protection - Letter F (001 - 019)
- Mandatory - Letter M (001 - 060)
- Prohibition - Letter P (001 - 074)
- Warning - Letter W (001 - 080)

The command to access these signs has the following syntax:

```
\Isosign{{Letter}{Number}}
```

3.4 Signs - Example

Imagine you want to put the sign of a fire extinguisher in your document. Use the following command:

```
\includegraphics{\Isosign{F001}}
```



For an overview, take a look at [Wikipedia](#).