

# The isosafety package\*

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github.com/BenSt099/isosafety

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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`, `ifthen`, `xkeyval`.

## 3 Usage

### 3.1 ISO colors

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

Warning	<b>Warning Color</b>
Prohibition	<b>Prohibition Color</b>
Mandatory	<b>Mandatory Color</b>
Rescue	<b>Rescue Color</b>
Backgrounds	<b>Backgrounds Color</b>
Symbol	<b>Symbol Color</b>

### 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)

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\*This document corresponds to isosafety ?, dated ?.

- 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:

```
\usepackage{graphicx}

\includegraphics{\Isosign{F001}}

\includegraphics[scale=1.2]{\Isosign{F001}}
```

For a complete overview of all signs, take a look at [Wikipedia](#)

```
graphicx xcolor ifthen xkeyval
fullpath
falsefalse
```