

- Reproduction Toxicity :
GHS: Category 2.
The adverse effect on reproductive competence or the fetus might occur.
- Certain target organ/ Systemic toxicity (single exposure):
GHS: Category 3(respiratory tract irritating properties).
The respiratory organ might be stimulated.
- Certain target organ/ Systemic toxicity (repeated exposure):
GHS: Category 1(respiratory organ).
The disorder of the respiratory organ is caused by long-term or repeated exposure.

Hydrogen Absorbing Alloy

- Acute toxicity:
 - oral GHS: out of Category.
 - skin GHS: No data.
 - inhalation (gas) GHS: No data
 - inhalation (steam, mist) GHS: exempt from a classification, Unknown.
- Skin corrosivity : GHS: Category 3. Slight skin stimulation.
- Serious damage and irritant property for eyes: GHS: Category 2B. eye stimulation.
- Respiratory or skin sensitization:
 - Respiratory sensitization: GHS: Category 1
The allergy, asthma or breathing difficulties might be caused when inhaling.
 - Skin sensitization: GHS: Category 1
The allergic skin reaction might be caused.
- Germline mutagenicity : GHS: No data
- Carcinogenicity : GHS: Category 2
Possibly carcinogenic to human
- Reproduction Toxicity : GHS: Category 2
The adverse effect on reproductive competence or the fetus might occur.
- Certain target organ/ Systemic toxicity (single exposure):
GHS: Category 1(respiratory organ and kidney).
The disorder of the respiratory organ and the kidney is caused.
- Certain target organ/ Systemic toxicity (repeated exposure):
GHS: Category 1(respiratory organ).
The disorder of the respiratory organ is caused by long-term or repeated exposure.

Zinc oxide

- Acute toxicity:
 - oral rat LD₅₀ > 5000mg/kg
 - inhalation (dust, mist) rat LD₅₀ > 5.7mg/l The harmful might be caused when inhaling.
- Skin corrosivity : GHS: out of Category.
- Serious damage and irritant property for eyes: GHS: out of Category
- Respiratory or skin sensitization:
 - Respiratory sensitization: Unknown.
 - Skin sensitization: GHS: out of Category.
- Germline mutagenicity : Unknown.
- Carcinogenicity : GHS: out of Category.
- Reproduction Toxicity : GHS: out of Category.
- Certain target organ/ Systemic toxicity (single exposure):
GHS: Category 1.
The disorder of the whole body
- Certain target organ/ Systemic toxicity (repeated exposure):
GHS: Category 1.
The disorder of the pulmonary is caused by long-term or repeated inhalation exposure.