



Label Elements

Symbols/Pictograms



Signal Word

Danger

Hazardous Information

- H317 May cause an allergic skin reaction
- H371 May cause damage to organs
- H372 Cause damage to organs through prolonged or repeated exposure
- H373 May cause damage to organs through prolonged or repeated exposure

Instructions

- Precaution** Do not breathe dust/fume/gas/mist/vapors/spray. (P260)  
 Avoid breathing dust/fume/gas/mist/vapors/spray. (P261)  
 Wash hands thoroughly after handling. (P264)  
 Do not eat, drink or smoke when using this product. (P270)  
 Contaminated work clothing should not be allowed out of the workplace. (P272)  
 Wear protective gloves/protective clothing/eye protection/face protection. (P280)
- Response** IF ON SKIN: Wash with plenty of soap and water. (P302+P352)  
 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. (P309+P311)  
 Get medical advice/attention if you feel unwell. (P314)  
 If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)  
 Wash contaminated clothing before reuse. (P363)
- Storage** Store in a container. (P405-2)
- Disposal** Dispose of contents/container to in accordance with local/regional/national/international regulations. (P501)

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Single Substance or Mixture      Mixture(alloy)

Chemical name or General name      Solder bar

Composition

Material name	Chemical formula	CAS No	Official file number	Content wt%
Tin	Sn	7440-31-5	-	97
Silver	Ag	7440-22-4	-	3

4. FIRST-AID MEASURES

- Eye contact** Flush eye well with plenty running water for 15 minutes, including under eyelids. See physician.
- Skin contact** Wash with plenty of soap and water.
- Inhalation** Remove to fresh air and call physician.
- Ingestion** Spit out promptly and receive treatment by doctor in case necessary afterwards.

5. FIRE-FIGHTING MEASURES

- Extinguishant** Dry chemical, air foam, carbon dioxide.
- Specific fire fighting** Fire fighting perform from the windward and remove inflammables.
- Prohibited extinguisher** "Water" For melted metal to pour water is strictly prohibited.
- Protection for fire fighters** Stand in the windward, wear tools for protection for breathing and do not inhale outbreak gas.



## 11. TOXICOLOGICAL INFORMATION

Acute toxicity	No information
Skin corrosion/irritation	No information
Eye damage/irritation	No information
Respiratory sensitization	No information
Skin sensitization	(Ag) There is a of allergic reaction by contact to accessories containing silver.
Germ cell mutagenicity	No information
Carcinogenicity	No information
Reproductive toxicity	No information
Specific target organ toxicity (single exposure)	(Ag) The obstacle of the respiratory system
Specific target organ toxicity (repeated exposure)	(Sn) fear of the obstacle to the lungs (Ag) Damage of Eyes and respiratory organs with long term or the repetition exposure (Category 1)
Aspiration hazard	No information
Hazardous to the aquatic environment-Acute hazard	No information
Hazardous to the aquatic environment-Chronic	No information

## 12. ECOLOGICAL INFORMATION

Mobility	No information
Biodegradation	No information
Bioaccumulation	No information
Fish Toxicity	No information

## 13. DISPOSAL CONSIDERATIONS

In accordance with state and local regulations  
Metal ingredients are recyclable.

## 14. TRANSPORT INFORMATION

UN No.	Not Applicable
Marine pollutant	Not Applicable
Specific transport measures and condition	To avoid sunshine, high temperature and humidity, keep away from heat. Check before transport load not breakage of container, turnover and fall during transport.

## 15. Regulatory Information

Industrial safety and health law	Enforcement order Article 18-2 322 Tin and its compounds Enforcement order Article 18-2 137 Silver and its water soluble compounds
PRTR Law	Class I Designated Chemical Substance Cabinet Order No 82 Silver and its water soluble compounds
Other Regulations	Sewerage Act Enforcement Act Article 9-4 Copper and its compounds

## 16. OTHER INFORMATION

This CSDS is created based on the information we can get at issued date. We expect accuracy, but it is not a thing of guarantee. Please perform reasonable attention for individual use and safe handling.

Because the contents of this information correspond to a normal use / condition, in case of not normal use/condition, we will assume that the responsibility is of the user.