



Material Safety Data Sheet

SECTION I – General Information

Manufacturer's Name: Possehl Electronics Hong Kong Limited
 Address: Possehl building, 18 Ma Kok Street, Tsuen Wan, N.T., Hong Kong
 Telephone No.: 852-26978233
 Product Type: Lead frame with Silver plating
 Base Material: Alloy C7025

SECTION II – Hazardous in Gredients

Threshold limit value (TLV) for constituent elements				OSHA	
Constituent	Element	CAS No.	Mass (%)	TWA (mg/m ³)	STEL (mg/m ³)
Antimony	Sb	7440-36-0	0.01 as impurity	0.5	-
Arsenic	As	7440-38-2	0.05 as impurity	0.1	-
Cadmium	Cd	7440-43-9	<0.0005 as impurity	0.0005 (Compound)	-
Cobalt	Co	7440-48-4	0.05 as impurity	0.1	-
Copper	Cu	7440-50-8	Balance	0.10 (Fume) 1.00 (Dust)	-
Chromium	Cr	7440-47-3	<0.01 as impurity	1.00	-
Lead	Pb	7439-92-1	<0.01 as impurity	0.50 (Fume)	-
Magnesium	Mg	7439-95-4	0.05-0.30	15.0 (Fume)	-
Nickel	Ni	7440-20-0	2.2-4.2	1.00 (Dust)	-
Phosphate	P	7723-14-0	0.005 as impurity	0.1	0.3
Selenium	Se	7782-49-2	<0.004 as impurity	0.2	-
Zinc	Zn	7440-66-6	<1 as impurity	5.0 (Fume)	-
Silicon	Si	7440-21-3	0.25-1.2	10.0 (Dust)	-
Plated Silver	Ag	7440-22-4	Per Drawing Requirement	0.10 (Fume) 1.00 (Dust)	-

SECTION III - Physical Data

Boiling Point: N/A
 Vapor Pressure(Mm Hg): N/A
 Melting Point: Approx. 1075-1326°C
 Vapor Density(Air=1): N/A
 Specific Gravity: N/A Evaporation Rate: N/A
 Solubility(H2O): N/A
 % Volatiles By Volume: N/A
 Appearance & Odor: Brownish metal surface with Spot Silver plating

SECTION IV - Fire and Explosion Hazard Data

Flammability Classification: None
 Flash Point: Na
 Flammable Limits: Upper - Na % Lower - Na %
 Fire Extinguishing Media: Media Applicable To Surrounding Area Special
 Fire-Fighting Procedures: None



SECTION IV - Fire and Explosion Hazard Data

Unusual Fire And Explosion Hazards: Fine metal particles can burn; hi conc. of metallic fumes is a possible hazard, molten metal may explode on contact with water; for these fires fighting should use dry powder /sand

SECTION V - Health Hazard Data

Effects Of Overexposure: *If material turns to fume or dust will affect:*
Eye/Nose/Throat/Skin Irr; Anemia/Nausea/Lung
Edema/Emphysema/Pneumon/Carcinoma Medical
Primary Route(s) Of Entry: Eye/Skin/Ingest/Inhale

SECTION VI - Reactivity Data

Stability: Stable hazardous polymerization: will not occur
Conditions To Avoid: None
Incompatibles: None
Decomposition Products: None

SECTION VII - Spill and Disposal Procedures

Disposal Procedure: Material can be reclaimed for reuse
Other precautions: Adequate ventilation and/or respiratory protection

SECTION VIII - Protective Equipment

Ventilation: General & local exhaust vent to keep dusts/fumes below TLV
Eye Protection: Safety glasses with sideshields or goggles
Skin Protection: May be necessary
Other Equipment: Steel toed shoes with metatarsal guards; full protective clothing
Hygienic Practices: None

SECTION IX - Storage and Handling Precautions

Special Precautions: Good housekeeping practices to prevent accumulations of dust

SECTION X - Transportation Data and Additional Information

N/A -----

SECTION XI – Notes

The properties mentioned in this document are typical values. Please be noted that such properties for the actual product may be different from the data sheet.

This information provided in this Safety Data Sheet is correct to best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, storage, transportation, disposal and is not to be considered a warranty or quality specification.