MATERIAL SAFETY DATA SHEET

1. PRODUCT
Product name: Soft Lead 0,05 Cu
General use: Production of alloys

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component:	EG-no:	CAS-no:	Mass %:
Lead, metallic	231-100-4	7439-92-1	99,95
Copper, metallic	231-159-6	7440-50-8	0,05

3. HAZARDS IDENTIFICATION
Increased danger for lead pollution if the metal is overheated or if the metal is oxidized (risk for dust formation). Inhalation of lead fumes can result in lead poisoning.

4. FIRST AID MEASURES
Inhalation: Remove to fresh air.
Skin: In case of splash from molten metal, wash affected skin areas with copius amounts of running water. Consult a physician arter significant exposure.
Eyes: Irrigate with copius amount of low pressure water. If irritation persists seek medical attention.
Ingestion: Dilute stomach contents with water or milk. Do not induce vomiting. Seek medical attention if large quantity is ingested.

5. FIRE-FIGHTING MEASURES
The metal and the oxides are not conbustible. Remove metal near fire or cool with water.
Suitable extinguishing media: CO2, foam or dry chemical. Never use water near molten metal. Fumes from fire can be toxic. Use self-contained breathing apparatus with full face piece.

6. ACCIDENTAL RELEASE MEASURES
Collect metal and oxides in separate container. Avoid discharge to drainage.

7. HANDLING AND STORAGE
Handling: Do not inhale dust and smoke.
Storage: Store in dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
Personal protection: Wear safety goggles and protective clothing. Use respiratory protection equipment where oxides are handled.
Do not eat, drink or smoke in work areas. Wash hands thoroughly before eating, drinking or smoking.
Ventilation: Local exhaust is recommended for melting and where oxides are handled.
Lead: OSHA PEL: TWA 0.05 mg (Pb)/m3

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Soft blue/grey metal.
Boiling point (°C): 1740
Melting point/range (°C): 326
Steam-pressure: at 973 °C - 1 mm
Relative density (g/cm3): 11,3
Solubility: Insoluble in water.

10. STABILITY AND REACTIVITY
Material is stable under normal circumstances.

11. TOXICOLOGICAL INFORMATION
Inhalation: Smoke from the soldering process may irritate the respiratory system, cause headache, tiredness, indisposition and dizziness. The symptoms may appear after several days. Long-term inhalation may cause damage to central nervous system, gastrointestinal disturbances and anaemia. Kidney dysfunction and possible injury have been associated with chronic lead poisoning.
Ingestion: Same symptom as inhalation.
Reproduction toxicity: Pregnant women may not use the product. However, metallic lead is not classified as reproduction toxic.

12. ECOLOGICAL INFORMATION
The product is not tested. Ecological data are not available. Material should nevertheless be treated as harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS
In accordance with local legislation.

14. TRANSPORT INFORMATION
The product is not classified.

15. REGULATORY INFORMATION
The product contains lead. Metallic lead is not subject to labelling.

16. OTHER INFORMATION
Hazard information references:
Dangerous Properties ofIndustrial Materials 9th Edition, N. Sax.
Prevent, Chemical substances 9.0.