



MSDS Sheet - C-Line Flux coated silver solder 2mm AG-30. Tube a 500gr IMPA 850462

Material Safety Data Sheet(MSDS)for Silver Soldering Rod with 30% Silver Content.

Section 1:Identification

- Product Name: Silver Soldering Rod
- Product Number:
- Manufacturer:
- Address:
- Emergency Phone Number:

Section 2:Hazard(s) Identification

- Hazard Classification:
- Flammability: Not flammable.
- Health Hazard: Inhalation of fumes during soldering may cause respiratory irritation. Prolonged exposure may lead to metal fume fever.
- Environmental Hazard: Not expected to be hazardous to the environment under normal use.

Section 3:Composition/Information on Ingredients

- Silver(Ag):30%
- Copper(Cu):28%
- Zinc(Zn):21%
- Other Elements: Trace amounts of fluxing agents(e.g., borax)to aid in the soldering process.

Section 4:First Aid Measures

- Inhalation: Remove to fresh air. If breathing is difficult, give artificial respiration. Seek medical attention.
- Ingestion: Do not induce vomiting. Rinse mouth with water. Seek medical advice.
- Skin Contact: Wash affected area with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
- Eye Contact: Rinse eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Section 5:Firefighting Measures

- Extinguishing Media: Water, dry chemical powder, or carbon dioxide.
- Special Hazards Arising from the Material: Fumes may be released when heated. Use appropriate respiratory protection.
- Firefighting Instructions: Wear full protective clothing and self-contained breathing apparatus. Ventilate the area to disperse fumes.

Section 6:Accidental Release Measures

- Personal Precautions:Wear appropriate protective clothing and respiratory protection.

- Environmental Precautions: Contain spillage to prevent environmental contamination. Dispose of material in accordance with local regulations.
- Methods for Cleaning Up: Collect material using a vacuum cleaner or other suitable means. Dispose of in accordance with local regulations.

Section 7: Handling and Storage

- Handling: Use in a well-ventilated area. Avoid inhalation of fumes. Wear appropriate personal protective equipment (PPE), including gloves, goggles, and a dust mask.
- Storage: Store in a cool, dry place away from incompatible materials. Keep container tightly closed.

Section 8: Exposure Controls/Personal Protection

- Engineering Controls: Use local exhaust ventilation to control fume emissions.
- Personal Protective Equipment (PPE):
 - Respiratory Protection: Use a NIOSH-approved respirator with a particulate filter.
 - Eye Protection: Wear safety goggles with side shields.
 - Skin Protection: Wear gloves and protective clothing to prevent skin contact.
 - Hand Protection: Use gloves made of a material that is resistant to the soldering flux.

Section 9: Physical and Chemical Properties

- Appearance: Solid rod
- Color: Silver-gray
- Odor: None
- Melting Point: Approximately 650°C (1202°F)

- Boiling Point:Not applicable
- Density:Approximately 8.5 g/cm³
- Solubility in Water:Insoluble
- pH:Not applicable

Section 10:Stability and Reactivity

- Stability:Stable under normal conditions.
- Conditions to Avoid:High temperatures,open flames,and incompatible materials.
- Incompatible Materials:Strong oxidizing agents.
- Hazardous Decomposition Products:Fumes may be released when heated.

Section 11:Toxicological Information

- Acute Toxicity:Low toxicity.Inhalation of fumes may cause respiratory irritation.
- Chronic Toxicity:Prolonged exposure may lead to metal fume fever.
- Irritation:May cause skin and eye irritation.
- Sensitization:Not expected to cause sensitization.

Section 12:Ecological Information

- Ecotoxicity: Not expected to be hazardous to the environment under normal use.
- Persistence and Degradability: Not applicable.
- Bioaccumulative Potential:Not applicable.
- Mobility in Soil:Not applicable.

Section 13:Disposal Considerations

- Waste Disposal Method:Dispose of in accordance with local regulations.
- Special Precautions:Do not dispose of in the environment.Recycle or dispose of in a designated waste facility.

Section 14:Transport Information

- UN Number:Not applicable.
- Hazard Class:Not classified as a hazardous material for transport.
- Packing Group:Not applicable.

Section 15:Regulatory Information

- Regulations:Complies with relevant national and international regulations for the use and handling of soldering materials.

Section 16:Other Information

- Additional Information:For further information,contact the manufacturer at the address and phone number listed in Section 1.

Note:This MSDS is provided for informational purposes only.Always follow the manufacturer's instructions and safety guidelines when using this product.

Contact

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