

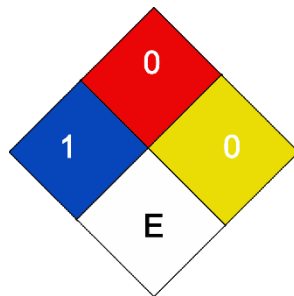
MATERIAL SAFETY DATA SHEET (MSDS)

Product Name: Silver Conductive Paste

Product Series: Silverpaste

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name : Conductive Silver Paste
Use : Research and Development
Address : M/s Techinstro
Plot no. 463, Top Floor Row No. 17, Yadav Nagar,
Nagpur-440026, India.
Contact No. – +91-8007799090/+91-9765849656
Email – info@techinstro.com



Health	1
Fire	0
Reactivity	0
Personal Protection	E

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Ag

Hazardous Ingredients: Nil

3. HAZARD IDENTIFICATION

Toxicity: No Data Available

Eye Contact: Dust may cause irritation

4. FIRST-AID MEASURES

Skin: Wash it with soap and amounts of water

Eyes: Immediate and prolonged irritation is treated with copious amounts of water.

Ingestion: Wash mouth with water provided the person Is Conscious.

Inhalation: If inhaled, remove to fresh air. If not breathing gives artificial respiration. If breathing is difficult, give oxygen.

5. FIREFIGHTING MEASURES

Extinguishing Data: Water Spray

Unsuitable Extinguishing Data: Carbon Dioxide, Dry Chemical Powder, Polymer Foam

Unusual Firefighting Hazards: Capable of creating a dust explosion

Special Firefighting Procedures: Use standard procedures, which include wearing a self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear a respirator, chemical safety goggles, rubber boots and gloves.

Precautions to the Environment: Sweep up, place in a bag and hold for waste disposal.

Cleanup Procedures: Avoid raising dust. Ventilate the area and wash. Spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling Precautions: Chemical Safety Goggles. Compatible with Chemical-resistant Gloves

Storage: Store in a cool, dry place.

Unusable Packaging Materials: Wash thoroughly after handling. Keep tightly closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment

Respiratory: Self-contained breathing apparatus

Hand: Chemical-resistant Gloves

Eye: Avoid contact with eyes

Skin: Wash thoroughly after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Paste

Colour: Silver- Gray

Odor: No Odour

Safety Related Information

FlashPoint : 201 °F (93 °C)

Boiling Point: N/A

Melting Point: N/A

pH: N/A

10. STABILITY AND REACTIVITY

Stability: Completely Stable

Reactivity: Non-reactive/ Non Soluble

11. TOXICOLOGICAL INFORMATION

Possible Health Effects

Skin: No effect

Eyes: Irritation

Inhalation: No Choking Hazard

Toxicity: Non-Toxic

12. ECOLOGICAL IMPACT

Avoid dust. Ventilate the area and wash the site as soon as pickup of the material is complete.

Negative Ecological Impact: Data not Available

13. WASTE DISPOSAL

-
Dissolve the material with a combustible solvent and burn it in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

HS Code : 28432900

CAS: 7440-22-4

Proper Shipping Name: Conductive Silver Paste Air Transport (ICAO & IATA): Metal Nanopowder

Class: Non-Hazardous

Packing group: Normal Packing

Transport information: Not regulated for IATA (AIR)

15. OTHER REGULATORY DETAILS

Federal & State Regulations: TSCA 8(b) inventory: Conductive Silver Paste

Other Regulations: EINECS: The product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEC):

R36- Irritating to eyes

S2- Keep away from the reach of children

S46- If swallowed, then seek medical advice & show the container or label

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazards:

Defensive Kit: Gloves, Lab coat

Dust respirator. Be sure to use a certified respirator or equivalent.

Splash goggles.

16. OTHER INFORMATION

References: Not available

Other Special Considerations: Not available