

SAFETY DATA SHEET — KIT COVER

OSHA Hazard Communication Standard 29 CFR 1910.1200 · Kit of articles and chemical packets
Document PP-SDS-KIT-001 · Revision 1 · 25 August 2026

Manufacturer: PrintPlating · Saint Paul, MN 55117 · United States
Product: PrintPlating Copper Electroplating Starter Kit (SKU PP-KIT-001)
Medical emergency (US): Poison Control 1-800-222-1222

This kit contains more than one product. OSHA allows a kit SDS that lists the parts and points to the SDS for each hazardous chemical. **Ship this cover plus PP-SDS-CUSO4-001 and PP-SDS-PAINT-001 with every kit** (print, email, or listing download).

Section 1 — Identification

Product name	PrintPlating Copper Electroplating Starter Kit
Recommended use	Adult DIY copper electroplating / electroforming of 3D prints and jewelry-scale parts.
Uses advised against	Children's science kit. Pesticide use of the sulfate. Unventilated kitchens. Food-contact plating for eating utensils unless you control the process as a metal finisher.

Section 2 — Hazard identification

The kit as a whole is classified from the most severe chemical inside it: **copper sulfate pentahydrate**.

DANGER

H302 H318

H410 aquatic

Harmful if swallowed. Causes serious eye damage. Very toxic to aquatic life with long lasting effects. Conductive paint adds copper-bearing aquatic hazard. Anodes and wire are solid copper articles (see PP-SDS-CU-ANODE-001).

Label the outer kit: Danger · copper sulfate inside · wear eye protection · not a toy · SDS enclosed.

Section 3 — Kit contents (hazardous vs article)

Item	Form	SDS to attach	Notes
Copper sulfate pentahydrate	Blue crystals	PP-SDS-CUSO4-001	Primary kit hazard. UN3077.
Conductive copper paint	4 fl oz (118 mL) liquid	PP-SDS-PAINT-001	Copper-filled coating.
Copper anode sheets	Solid metal	PP-SDS-CU-ANODE-001	Article unless ground or melted.
Copper / contact wire	Solid metal	Same copper article SDS	Not a loose powder.
Rotation device, clips, guide	Articles / paper	Not hazardous as packed	Follow the printed guide.

Not included (buyer supplies): DC power supply, distilled water, tank, PPE. Those have their own hazards (electric shock, acid if the buyer adds sulfuric acid — PrintPlating does not pack battery acid).

Sections 4–8 — First aid, fire, spill, handling, PPE

Follow **PP-SDS-CUSO4-001** if crystals or bath splash. Follow **PP-SDS-PAINT-001** if paint spills. Minimum kit PPE: splash goggles, chemical-resistant gloves, ventilation. Eyewash access. No food in the plating area. Keep children and pets out.

Section 9–10 — Physical properties / stability

Kit is a mixed package. Do not store the sulfate bag open. Do not freeze the paint. Keep the kit dry and upright. Do not combine leftover chemicals into unlabeled bottles.

Section 11–13 — Toxicology, ecology, disposal

See component SDS. Spent plating solution is copper-bearing wastewater. Never dump baths in household drains, storm sewers, or on soil.

Section 14 — Transport

The sulfate packet can make the finished kit a Class 9 environmentally hazardous shipment (UN3077) if the net quantity of sulfate meets the carrier's threshold. Confirm net grams in your packed kit against DOT / USPS / Amazon DG rules before you ship. Paint may separately be UN3082 if the bulk SDS requires it. Anodes as solid copper sheets are ordinarily not DG.

Section 15 — Regulatory

Not a FIFRA pesticide. Adult workshop product. CERCLA RQ 10 lb as cupric sulfate — a single kit is far below RQ, but do not aggregate waste carelessly.

Section 16 — Other information

This cover is not a substitute for the sulfate and paint SDS. If a customer asks "the SDS," send all three files: KIT + CUSO₄ + PAINT (and anodes if they ask).

Public copies: <https://printplating.com/sds/electroplating-kit.pdf> · <https://printplating.com/sds/copper-sulfate-pentahydrate.pdf> · <https://printplating.com/sds/conductive-paint.pdf> · <https://printplating.com/sds/copper-anode-sheets.pdf>