

Super Contact Cleaner Pen 801B-P



Protects, lubricates, and deoxidizes ic's, contacts, jacks, connectors, switches, relays, plugs, controls, batteries, and potentiometers.

- Improves conductivity on all metals
- Eliminates oxidation for years
- Protects gold for life
- Reduces contact scrubbing
- Reduces connection, wear, and abrasion failures
- Safe on plastics
- 100% Ozone safe
- Flammable - do not use on live circuits

Available Sizes

Catalog Number	Sizes Available	Description
801B-100ML	100ml (4 oz)	Liquid
801B-125G	125g (4.5 oz)	Aerosol
801B-P	10ml (0.34 oz)	Felt pen



Material Safety Data Sheet

Section 1: Product Identification

MSDS Code: 801B - P **Name: Super Contact Cleaner Pen (With PPE)**

Related Part Numbers: 801B-P

Use: Cleans and protects connector ends.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
64742-88-7	Petroleum naphtha	85 – 94%	100ppm	N/E	N/E
64741-44-2	Petroleum seal oil	5-6%	5 mg/m ³	N/E	N/E
2455-71-2	Poly phenyl ether	2.0-2.2%	N/E	N/E	N/E

Section 3: Hazards Identification

Eyes: Vapors cause eye irritation.
Skin: May cause defatting, drying and cracking of the skin.
Inhalation: Product is irritating to the nose, throat, and respiratory tract.
Ingestion: Harmful if swallowed.
Chronic: None known in this small quantity.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with water. Get medical aid.
Skin: Wash skin with large quantities of soap and water. Get medical aid if symptoms persist.
Inhalation: Immediately remove from exposure to fresh air.
Ingestion: Do not induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 5: Fire Fighting Measures

Autoignition Temperature: 240°C **Flash Point:** 42°C **LEL / UEL:** 1 / 5
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.
General Information: Will burn if involved in a fire.

Section 6: Accidental Release Measures

Spill Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection.
Procedure: Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with paper towel and place in container. Wash spill area with soap and water.

Section 7: Handling and Storage

- Handling:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.
- Storage:** Keep away from sources of ignition. Store in a cool, dry, well-ventilated area, away from incompatible substances.

Section 8: Exposure Controls

- Routes of entry:** Eyes, ingestion, inhalation, and skin.
- Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.
- Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Odor:	Distinctive	Solubility:	Not in water	Evaporation Rate:	Moderate		
Boiling Point:	156°C	Specific Gravity:	0.81	Vapor Pressure:	1 PSI @21°C	Vapor Density:	4.7 (Air=1)	pH:	N/A

Section 10: Stability and Reactivity

- Stability:** Stable at normal temperatures and pressures.
- Conditions to avoid:** Temperatures over 40°C, ignition sources, and incompatible substances.
- Incompatibilities:** Alkali and alkaline earth metals, powdered aluminum, zinc, magnesium, and beryllium, strong oxidizers, Lewis or mineral acids.
- Polymerization:** Will not occur.
- Decomposition:** Halogens, halogen acids, possibly carbonyl halides, carbon monoxide, carbon dioxide.

Section 11: Toxicological Information

- Sensitization:** (effects of repeated exposure) Repeated skin contact may cause dermatitis.
- Carcinogenicity:** (risk of cancer) No
- Teratogenicity:** (risk of malformation in an unborn fetus) No
- Reproductive Toxicity:** (risk of sterility) No
- Mutagenicity:** (risk of heritable genetic effects) No

Lethal Exposure Concentrations:	Ingestion (LD50):	Inhalation (LC50):	Skin (LD50):	Inhalation (TCLo):
Petroleum naphtha	N/A	N/A	N/A	138 mg/m ³ /6H/16D Rat
Petroleum seal oil	N/A	1700 mg/m ³ /4H Rat	N/A	N/A
Poly phenyl ether	N/A	N/A	N/A	N/A

Section 12: Ecological Information

General Information:

- Volatile Organic Compounds, % by weight: 100%
- Volatile Organic Compounds, grams per litre: 810 g/L

Section 15: Regulatory Information Cont...

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain chemicals known to the state to cause reproductive toxicity and cancer respectively.

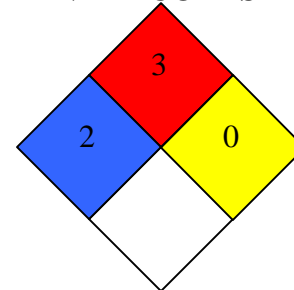
California Air Resource Board Consumer Products Regulations

This product complies with the Electronics Cleaner category limit of 75% VOC's by weight.

HMIS RATING

HEALTH:	2
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES



EUROPE

RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

Section 16: Other Information

Definitions: N/A = not applicable, N/E = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.