

Safety Data Sheet

250-1201

CircuitMedic, 22 Parkridge Road, Haverhill, MA 01835 USA
Phone: 978-373-1600 | Website: <http://www.circuitmedic.com>
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Revision Date: Jun 7, 2016

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Coating Remover Pen
Product Number: 250-1201
Distributor: CircuitMedic
22 Parkridge Road, Haverhill, MA 01835 USA
PHONE: 978-373-1600, FAX: 978-372-5700

Emergency Response: For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 CCN4877
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)



Section 2. HAZARD IDENTIFICATION

Classifications: Classification according to Regulation(EC)No1272/2008
Classifications applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200)

Emergency Overview:

Potential Health Effects:

Inhalation: High concentrations in immediate area can displace oxygen and can cause dizziness, unconsciousness, and possibly death with longer exposure. Keep people away from such vapors without self-contained breathing apparatus.

Eyes: Substance causes substantial eye irritation.

Skin: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Ingestion: Substance may be harmful if swallowed.

Section 3. COMPOSITION, INFORMATION OR INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Tetrahydrofuran	> 99	109-99-9	203-726-8
BHT	< 0.1	128-37-0	

Section 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Eye Contact: Immediately flush eyes with water for at least 15 minutes, consult a physician.

Skin Contact: Wash exposed skin with soap and water and remove contaminated clothes.

Ingestion: If ingested, do not induce vomiting, consult a physician.

Section 5. FIRE-FIGHTING MEASURES

Flash Point & Method: -14.4 degrees C (6 degrees F) TAG CC

Flammable Limits: 2.0 to 11.8

Autoignition Temperature: to 321 degrees C (610 degrees F)

General Hazard: Flammable liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point.

Fire Fighting Instructions: Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

Hazardous Combustion Prod. Smoke, fumes and oxides of carbon

Flammable Properties: N/A

Extinguishing Media: Water, foam, dry chemical, carbon dioxide.

Section 6. ACCIDENTAL RELEASE MEASURES

Land Spill: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including vapors, have been removed thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth, gravel, etc as necessary and place in closed containers for disposal.

Neutralizing Agent: N/A

Section 7. HANDLING AND STORAGE

Storage Temperature: Store in a cool place below 120 degrees F (49 degrees C).

Storage Pressure: Atmospheric

General: Wash thoroughly after handling. Use only in a well ventilated area. Store in a cool dry place.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Personal Protection:	
Respirator:	A respiratory program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hand Protection:	Protective Gloves Recommended (Impervious).
Eye Protection:	Wear safety glasses with side shields (or goggles) and a face shield.
Other Recommended:	Emergency shower and eyewash facility should be in close proximity.
Note 1:	In accordance with good industrial hygiene, wash hands with soap and water after working with material.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Density:	2.5 (Air = 1)
pH:	N/A
Boiling Point:	65.4 @ 760 mmHg
Freezing Point:	-21 degrees C
Vapor Density (Air = 1):	2.5
% Volatile By Weight:	100 at 20 degrees C (68 degrees F)
% Solids:	N/A
Evaporation Rate (Butyl Acetate = 1):	N/A
Solubility in Water:	Negligible
Viscosity:	N/A
Molecular Weight:	N/A
Physical State:	Liquid
Molecular Weight:	N/A
Appearance:	Clear, colorless liquid
Vapor Pressure(mmHg):	130mmHg at 20 degrees C

Section 10. STABILITY AND REACTIVITY

General:	Stable
Incompatible materials and Conditions to Avoid:	Oxidizing agents, alkalies and bases.
Hazardous Decomposition or Byproducts:	Oxides of Carbon (CO and CO ₂) may form when heated to decomposition.
Hazardous Polymerization:	Will not occur.

Section 11. TOXICOLOGICAL INFORMATION

Results of Component Toxicity Test Performed: Information not available.

Human Experience:

Information not available.

Section 12. ECOLOGICAL INFORMATION

Further Information: There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment. (See 40 CFR 110).

Section 13. DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 Classification: Federal, State, and Local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14. TRANSPORT INFORMATION**DOT, IATA, ICAO, and IMO Description:**

Basic Description:	N/A
Proper Shipping Name:	Tetrahydrofuran
Hazard Class:	3
Packaging Group:	11
UN Number:	UN2056
Label Requirements:	N/A
Max. Shippable Qty.:	N/A
Packaging:	N/A
Reportable Quantity (RQ):	N/A
1996 NAERG Guide#:	N/A
Limitations:	N/A

Do not transfer to unmarked containers. Non-Regulated under D.O.T.

Section 15. REGULATORY INFORMATION**United States Federal Regulations:**

MSDS complies with OSHA's Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/SUPERFUND, 40 CFR 117, 302: None of the chemicals are Superfund hazards

SARA SUPERFUND AND REAUTHORIZATION ACT OF 1986 TITLE III Sections 302, 311, 312 and 313: Section 302 Extremely hazardous substances (40 CFR 355): None of the chemicals are Section 302 hazards.

Section 311/312 - Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product is non-hazardous.

TOXIC SUBSTANCE CONTROL ACT (TSCA): All substances are TSCA Listed.

Section 311/312 - Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product is non-hazardous.

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International Regulations:

Canada Whims: NA

Europe EINECS Numbers: NA

Canadian Substance Inventory: One or more of the components of this product do not appear in the Canadian Substance Inventory.

Section 16. OTHER INFORMATION

Label Information:

European risk and Safety Phrases: N/A

European Symbols Needed: N/A

Canadian WHIMS Symbols: N/A

NFPA Hazard Rating: (1) Flammability (1) Health (0) Reactivity

Revision Dates, Sections, Revised By: 08-OCTOBER-98, J. FORBES

Abbreviations Used in this Document: NE - Not Established, NA - Not Applicable/Not Available, NIF - No Information Found

References: Code of Federal Regulations (CFR)
The Sigma-Aldrich Library of Regulatory and Safety Data
Chemical Guide and OSHA Hazard Communication Standard
Various Federal, State & Local Regulations

To the best of our knowledge, the information contained herein is accurate. However, neither Circuit Technology Center, Inc., nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

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