

GC Electronics

1801 Morgan Street
Rockford, IL 61102
Phone: (815) 968-9661
Fax: (815) 968-9731
www.gcelectronics.com

Product Name: Radio-TV Cement Solvent

MSDS Number: 102
Revision Date: 5/14/03
Supersedes Date: 5/9/01

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Thinners/Solvents
Product Name: **Radio-TV Cement Solvent**
Part Number(s): **10-312**
10-318
10-320
10-321

Emergency Contact: Chemtrec
Phone: (800) 424-9300

Section 1 – Identification of Product

Chemical Name and Synonyms: N/A
Product Name: 2641 Solvent Least 0
Product No.: 18898 Slight 1
Moderate 2
HMIS RATINGS High 3
Health: 3 Extreme 4
Flammability: 4
Reactivity: 0

Section 2 – Hazardous Ingredients

Chemical Name	CAS Number	%WT	TLV (ppm)
* Acetone	67-64-1	27-42	750
* Toluene	108-88-3	23-39	100
n-Butyl Acetate	123-86-4	15-26	150
Ethyl Acetate 99%	141-78-6	9-28	400

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Warning: Toluene is listed on California Proposition 65 as a chemical known to cause birth defects or other reproductive harm.

Section 3 – Physical Data

Boiling Point: @780 mm Hg or Range 133°F-259°F
Specific Gravity (H₂O=1): .857
Vapor Pressure: mm Hg @ 68°F-95.5
Vapor Density (Air=1): 2.2
Solubility (Weight % in Water): 34.1
Volume % Volatile: 100.1
Evaporation Rate (Butyl Acetate=1) >1
Appearance and Odor: Clear liquid with a characteristic odor

Section 4 – Fire and Explosion Hazard Data

Flash Point °F Method Used = TCC: -15° for lowest flashing component
Flammable Limits in Air (% by volume): LEL: 1 UEL: 12.8
Extinguishing Media: Carbon dioxide, dry chemical or foam
Special Fire Fighting Procedures: Cool fire exposed containers with water. Do not enter confined fire space with out proper protective equipment including a NIOSH approved self contained breathing apparatus.
Unusual Fire and Explosion Hazards: N/A

Section 5 – Health Hazard Data

Permissible Exposure Limits (TLV): For the lowest component 100 ppm
Effects of Overexposure:
Overexposure: Can lead to central nervous system depression producing such effects as headache, dizziness, nausea, and loss of consciousness.
Eyes: Irritating to the eyes and mucous membranes.
Skin: Can cause defatting and drying of the skin resulting in irritation and dermatitis. Can be absorbed through the skin causing effects similar to inhalation or ingestion.
Ingestion: Liquid ingestion may result in vomiting. Aspiration of liquid into the lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/hemorrhage.
Emergency and First Aid Procedures:
Eye: Flush eyes with water for at least 15 minutes. Get medical attention.
Skin: Wash with soap and water. Remove contaminated clothing. If irritation persists, get medical attention.
Inhalation: Remove victim to fresh air. Provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
Ingestion: Consult a physician immediately. Product contains both naphthas and oxygenated solvents. See section 2.

Section 6 – Reactivity Data

Stability: Stable Unstable
Conditions and Materials to Avoid: Avoid strong alkalies.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and unidentified organics.
Hazardous Polymerization: May Occur Will not Occur

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Section 7 – Spill or Leak Procedures

Steps to be Taken in case

Material is Spilled or Released:

Eliminate potential sources of ignition. Wear appropriate respirator and other protective clothing. For large spills, dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue or small spills with noncombustible absorbent, place in drums for proper disposal. Flush area with water to remove trace residue. Dispose of flush solutions in drums. Keep out of surface waters and any watercourses or sewers entering or leading to surface waters.

Waste Disposal Method:

Dispose of in an appropriate disposal facility in compliance with local regulations. Refer to latest EPA or State Regulations regarding disposal.

Section 8 – Special Protection Information

Respiratory:

Use NIOSH approved respirator if chance of overexposure.

Skin/Eye Protection:

Wear gloves, goggles and other protective clothing to minimize skin contact and prevent eye contact.

Ventilation (Type):

Use explosion proof ventilation to maintain vapor concentrations below the TLV.

Section 9 – Special Precautions
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Precautions to be taken during

Handling & Storing:

Keep containers closed. Do not store near heat, sparks, flame, or oxidizing materials. Vapors are heavier than air and will collect in low places. Ground all containers when transferring liquid. Use non-sparking tools.

Section 10-Regulatory Information
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Contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Substance Name	CAS#	%by WT.
Acetone	67-64-1	27-42
Toluol (Toluene)	108-88-3	30.00

Warning: Toluene is listed on California Proposition 65 as a chemical known to cause birth defects and other reproductive harm.

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Section 11-Other Information

DOT Shipping Name:	Flammable liquid, N.O.S.
DOT Hazard Class:	3
Identification No.:	UN 1993
Pkg Group	II
Labeling	ORM-D
Labeling for 10-321	Flammable Liquid

Disclaimer

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