

**GC Electronics**  
1801 Morgan Street  
Rockford, IL 61102  
Phone: (815) 968-9661  
Fax: (815) 968-9031  
www.gcelectronics.com

**Product Name: Corona Dope**  
MSDS Number: 209  
Revision Date: 1/7/04  
Supersedes Date: 10/17/02

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Coating  
Product Name: **Corona Dope**  
Part Number(s): **10-4702**

Emergency Contact: **Chemtrek**  
Phone (24 hours): **(800) 424-9300**

### Section 1 - Identification of Product

HMIS Ratings:	Least	0
	Slight	1
Health 2	Moderate	2
Flammability 3	High	3
Reactivity 0	Extreme	4

### Section 2 - Hazardous Ingredients

Hazardous Ingredients:	CAS #	Wt % is <	TLV-TWA	TLV-STEL	SKIN
*Toluene	108-88-3	70.0 %	100 ppm	150 ppm	yes
Ethyl Alcohol Denatured	64-17-5	10.0 %	250 ppm	800 ppm	yes
2-Butanone	78-93-3	5.0 %	200 ppm	300 ppm	yes
Methyl Isobutyl Ketone	108-10-1	5.0 %	50 ppm	75 ppm	yes

\*Warning: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

(See Section 10 for abbreviation legend)

### Section 3 - Physical Data

Boiling Range:	166 - 243° F
Vapor Density:	Is heavier than air
Odor:	Characteristic
Specific Gravity:	0.8924
Appearance:	Liquid
Evaporation Rate:	Is slower than Butyl Acetate
Solubility in H <sub>2</sub> O:	N/A
Volatile by Weight:	79.7%
Volatile by Vol.:	82.9%
Vocs, lbs/gal:	5.92
Vocs, grams/ltr:	709

(See Section 10 for abbreviation legend)

#### Section 4 - Fire & Explosion Hazard Data

Flash Point: 21° F  
(Setaflash Closed Cup)  
Lower Explosive Limit: 1.2%  
Upper Explosive Limit: 19.0%  
Extinguishing Media: CO<sub>2</sub>, Dry Chemical, Foam

Unusual Fire and Explosion Hazards: Keep containers tightly closed. Vapors may migrate to ignition source and cause flash fire. Isolate from heat, sparks, electrical equipment, appliances, pilot lights, flames and other sources of ignition. Flammable liquid and vapor. Keep away from heat, sparks and flame. Vapors may cause flash fire. Close container after each use.

Special Fire fighting Procedures: Use NIOSH/MSHA approved gas mask for fire fighting personnel. Water may be used to cool containers. If water is used fog nozzles are preferred.

#### Section 5 - Health Hazard Data

Primary Route(s) of Entry: Skin Contact, Inhalation, Ingestion, Eye Contact

Effects of Over Exposure

Inhalation:

Breathing of high vapor concentrations may produce narcosis. Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache or nausea.

Skin:

Liquid may cause minor skin irritation.

Eyes:

Causes definite eye irritation.

Nose and Throat:

Causes nose and throat irritation.

Repeated and prolonged overexposure to solvents could cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Medical Conditions Prone to

Degeneration of the kidney and to a lesser extent the liver.

Aggravation By Exposure:

Emergency and First Aid Procedures

Inhalation:

Remove to fresh air, restore breathing. Consult a physician.

Skin Contact:

Flush with water.

Eye Contact:

Flush immediately with large amounts of water. Consult a physician. Aspiration may cause severe lung damage and present a significant hazard. Stomach contents should be evacuated quickly avoiding aspiration.

First Aid (Eyes):

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get immediate medical attention.

First Aid (Skin):

Wash thoroughly with soap and water. If affected by inhalation of vapors or spray mist, remove to fresh air.

If Swallowed:

Get medical attention immediately

### Section 6 - Reactivity Data

Hazardous Decomposition Products: Combustion will produce carbon dioxide and probably carbon monoxide.  
Conditions To Avoid: Excessive heat, sparks, or open flame.  
Incompatibility: Strong oxidizing agents.  
Hazardous Polymerization: Will not occur under normal conditions.  
Stability: This product is stable under normal storage conditions.

### Section 7 - Spill or Leak Procedures

Steps to Be Taken in Case Material Is Released or Spilled: In case of spillage absorb with inert material and dispose of in accordance with applicable regulations of E.P.A. and other local., state, and federal authorities.  
Waste Disposal Method: Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

### Section 8 - Special Protection Information

Respiratory Protection: NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical/mechanical filters recommended when ventilation is restricted. Do not breathe (dust, vapors or spray mist). Wear appropriate, respirator (NIOSH/MSHA APPROVED) during and after application unless air monitoring records vapor/mist levels below applicable limits. Follow respirator manufacturer directions for use.  
Ventilation: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH'S TLV limit. Use with adequate ventilation.  
Protective Gloves: Recommended for prolonged or repeated contact, chemical resistant plastic or rubber.  
Eye Protection: Chemical goggles with side shields or face shield recommended. Avoid contact with eyes.  
Other Protective Equipment: As required to avoid wetting clothing. Use protective creams where skin contact is likely. Remove and wash contaminated clothing before re-use. Eye bath and safety shower.  
Hygienic Practices: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

### Section 9 - Special Precautions

Precautions To Be Taken In Handling and Storage: Store away from heat, sparks and open flame. Avoid prolonged skin contact. Do not breathe spray mist. Store in a cool dry area with ventilation suitable for storing materials shown in section 2.  
Other Precautions: Ground containers while pouring. Avoid spontaneous combustion of contaminated rags or other organic materials. Empty containers may retain hazardous properties and can be dangerous.

**GC Electronics**  
1801 Morgan Street  
Rockford, IL 61102  
Phone: (815) 968-9661  
Fax: (815) 968-9031  
www.gcelectronics.com

**Product Name: Corona Dope**  
MSDS Number: 209  
Revision Date: 1/7/04  
Supersedes Date: 10/17/02

**Section 10 - Regulatory Information**

SARA SECTION 313: This product 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.

<u>Chemical Name</u>	<u>CAS #</u>	<u>WT/WT % is less than</u>
Toluene	108-88-3	70.0%
2-Butanone	78-93-3	5.0%
Methyl Isobutyl Ketone	108-10-1	5.0%

U.S. State Regulations: As Follows -  
New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product:

<u>Chemical Name</u>	<u>CAS #</u>
Cellulose, ethyl Ether	9004-57-3
Triglyceride of Fatty Acids	8001-31-8

Pennsylvania Right-to-know:

The following non-hazardous ingredients are present in the product at greater than 3%:

<u>Chemical Name</u>	<u>CAS #</u>
Cellulose, Ethyl Ether	9004-57-3
Triglyceride of Fatty Acids	8001-31-8

California Proposition 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm.

<u>Chemical Name</u>	<u>CAS #</u>
Toluene	108-88-3

Transportation Information:

Hazard Class: 3  
Packaging Class: II  
Shipping Name: Paint/Flammable Liquid  
UN or NA ID #: 1263  
Labeling: Flammable  
Description: Toluene/Acetone Mixture

LEGEND: N.A. - Not Applicable. N.E.-Not Established N.D.-Not Determined

**GC Electronics**

1801 Morgan Street  
Rockford, IL 61102  
Phone: (815) 968-9661  
Fax: (815) 968-9031  
www.gcelectronics.com

**Product Name: Corona Dope**

MSDS Number: 209  
Revision Date: 1/7/04  
Supersedes Date: 10/17/02

**Disclaimer**

GC Electronics believes that the information contained herein is accurate and reliable as of the date of this material safety data sheet, but no representation guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Persons receiving this information are encouraged to make their own determination as to the information's suitability and completeness for their particular application. NO INFORMATION CONTAINED HEREIN CONSTITUTES A PRODUCT WARRANTY OF ANY KIND, WHETHER EXPRESS OR IMPLIED; AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED BY GC ELECTRONICS.