



## MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

### CONTACT CLEANER PART NO. 52146

#### SECTION I – IDENTITY INFORMATION

Product Name : Contact Cleaner

#### SECTION II – HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>WGT %</u>	<u>V.P.</u>
Mineral Spirits 140-Flash	64742-88-7	100 PPM	100	67	0.50
1-(2-Butoxymethylethoxy)-propanol	29911-28-2	Not Established		25	0.06
Ethyl 3-Ethoxypropionate	763-69-9	Not Established		5	1.11
Carbon Dioxide	124-38-9	5000 PPM	5000	3	0.00

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

#### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Product Weight	: 6.85 lb/gal 820 g/l
Boiling Point	: <0 – 449 <sup>0</sup> F <-18 – 231 <sup>0</sup> C
Melting Point	: Not available
Volatile Volume	: 100%
Vapor Density	: Heavier than air
Solubility in Water	: N.A.
Specific Gravity	: 0.82
Evaporation Rate	: Slower than ether
Volatile Organic Compounds (V.O.C.)	: Volatile weight 97.00% less federally exempt solvents

#### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	: 158 <sup>0</sup> F (TCC)
Flammable Limits	: Lower – 0.6 Upper – 20.4
Unusual Fire and Explosion Hazards	: Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard.

Special Fire Fighting Procedures

Symptoms may not be immediately apparent. Obtain medical attention.  
: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**SECTION V – REACTIVITY DATA**

Stability : Stable  
Conditions to Avoid : None known  
Incompatibility : None known  
Hazardous Decomposition Products (By fire) : Carbon dioxide, carbon monoxide.  
Hazardous Polymerization : Will Not Occur.

**SECTION VI – HEALTH HAZARD DATA**

Routes of Exposure : Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. Alcohols and acetates can be absorbed through the skin. Follow recommendations for proper use, ventilation and personal protective equipment to minimize exposure.

ACUTE HEALTH HAZARDS:

Effects of Overexposure : Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Signs and Symptoms of Overexposure : Headache, dizziness, nausea and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical Conditions Aggravated by Exposure : None generally recognized.

EMERGENCY AND FIRST AID PROCEDURES:

If Inhaled : If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on Skin : Wash affected area thoroughly with soap and water. Remove contaminated clothing and laundry before re-use.

If in Eyes : Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If Swallowed : Do Not induce vomiting. Get medical attention immediately.

#### CHRONIC HEALTH HAZARDS:

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

### SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or

Spilled : Remove all sources of ignition. Ventilate and remove with inert absorbent.

Waste Disposal Method

: Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Do Not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

### SECTION VIII – PROTECTION INFORMATION

Precautions to be Taken in Use

: Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid Contact with skin and eyes. Wash hands after using.

Ventilation

: General exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits Refer to OSHA Standards 1910.94, 1910.107 and 1910.108.

Respiratory Protection

: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

Protective Gloves

: None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear

chemi-

cal resistant gloves.

Eye Protection

: Wear safety spectacles with unperforated sideshields.

### SECTION IX – PRECAUTIONS

Precautions to be Taken in Handling and Storing

: Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Contents under pressure. Do Not puncture, incinerate or expose to temperature above 120<sup>0</sup>F. Heat from sunlight, radiators, stoves, hot water and other heat sources

could cause container to burst. Do Not take

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Other Precautions

internally. KEEP OUT OF REACH OF CHILDREN.

: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

## **SECTION X – HAZARD COMMUNICATION CODES**

HMIS CODES:

Health	:	2
Flammability	:	2
Reactivity	:	0

## **SECTION XI – OTHER REGULATORY INFORMATION**

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	Chemical/Compound	% by WT	% Element
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No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

The Information Contained Herein is Based on Data Considered Accurate. However, No Warranty is Expressed or Implied Regarding the Accuracy of the Data or the Results to be obtained From the Use Thereof. Because the Information Contained herein may be applied Under Conditions beyond Our Control, We Assume No Responsibility For its Use.

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