



# SciCron Technologies, LLC

## SAFETY DATA SHEET

### 1. IDENTIFICATION

PRODUCT NAME: Trim Fluid™

SDS NUMBER: SC-005-SDS

GENERIC NAME: Static Dissipative Coating Fluid

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MANUFACTURER: SciCron Technologies, LLC

MANUFACTURER PHONE: 806-372-8300

ADDRESS: 501 Amarillo Blvd. West

MANUFACTURER FAX: 806-372-8333

CITY, STATE, ZIP: Amarillo, TX 79107

EMERGENCY (PLANT MANAGER): 806-372-8300

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Flammable Liquids (Category 2), H225  
Eye Irritation (Category 2A), H319  
Specific target organ toxicity – single exposure (Category 3), Central Nervous System, H336  
Reproductive Toxicity (Category 1B)

**GHS Label Elements:**

**Pictogram**



**Signal Word:**

**DANGER**

**Hazard Statements:**

Highly flammable liquid or vapor, H225  
Harmful if swallowed, H302  
Toxic if inhaled, H331  
May damage fertility. May damage unborn child, H360

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Cas number	Weight %
Conductive metal oxide	-	3
2-ethoxyethanol	110-80-5	4
Ethyl Acetate	141-78-6	20-40
Isopropanol	67-53-0	20-40
N-butanol	71-36-3	10-30
1-methoxy-2-Propanol	107-98-2	1-10

### 4. FIRST AID MEASURES

## Most Important Symptom(s)/Effect(s)

**INHALATION:** Move to fresh air. Do not use mouth-to-mouth method if victim ingested or inhaled substance. Give artificial respiration with the aid of pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required. If not breathing, give artificial respiration.

**EYE CONTACT:** Flush with large amounts of water until irritation subsides. Obtain medical attention.

**SKIN CONTACT:** Wash off immediately with plenty of soap and water for at least 15 minutes. Get medical attention if symptoms occur.

**INGESTION:** Do not induce vomiting. Call physician or poison control center immediately.

**Important symptoms/effects:** Breathing difficulties. Symptoms of over exposure may be headache, dizziness, tiredness, nausea, and vomiting.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical, or water.

**Fire Fighting Procedure:** Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

**Unusual Fire/Explosion Hazards:** Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**ENVIRONMENTAL PRECAUTIONS:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion proof equipment. Keep away from sources of ignition. No smoking. Take precautions to avoid the buildup of electrostatic charge.

**STORAGE:** If this material is stored under ambient temperature conditions, it is not hazardous. However, extensive storing at higher than the maximum temperature will emit vapors, carbon monoxide, or carbon dioxide.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-ethoxyethanol	TWA- 5 ppm Skin	TWA 200 ppm	IDLH 500 ppm
Isopropyl Alcohol	TWA- 200 ppm	TWA 400 ppm	TWA 400 ppm
Ethyl Acetate	TWA- 400 ppm	TWA 200 ppm	TWA 400 ppm
N-Butanol	TWA- 20 ppm	TWA 100 ppm	C 50 ppm
1-Methoxy-2-Propanol	TWA- 50 ppm		TWA 100 ppm

**VENTILATION MEASURES:** Provide good ventilation and/or an exhaust system in the work area.

**EYE PROTECTION:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations 29 CFR 1910.133 or European standard EN166

**RESPIRATORY PROTECTION:** Follow OSHA respirator regulations found in 29 CFR 1910.134 or European standard EN149. Use a NIOSH/MSHA or European standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**SKIN AND BODY PROTECTION:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**HYGENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly before meals, breaks, and at the end of work period.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL FORM:** Liquid  
**APPEARANCE:** Blue Gray  
**COLOR:** Gray  
**ODOR:** Alcohol -like  
**pH:** No data available  
**Melting Point:** -100° C / -148° F  
**BOILING POINT:** 82° C / 180° F  
**FLASH POINT:** 12° C / 53.6° F – closed cup  
**DECOMPOSITION TEMPERATURE:** Not available  
**AUTO-IGNITION TEMPERATURE:** 833°F (445°C)  
**EXPLOSION LIMITS:** Upper explosion limit 12.7% (V) Lower explosion limit 2% (V)  
**EVAPORATION RATE:** No information available  
**VAPOR PRESSURE:** No information available  
**VAPOR DENSITY:** No information available  
**RELATIVE DENSITY:** 1.18  
**SOLUBILITY IN WATER:** Miscible

## 10. STABILITY AND REACTIVITY

**STABILITY:** Product is stable under normal conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITIES:** Strong oxidizing agents, strong acids, strong bases, metals.

**DECOMPOSITION PRODUCTS:** Carbon Monoxide & Carbon Dioxide from burning. Peroxides. When heated to decomposition, vapors can react with oxidizing materials forming strong acrid fumes.

**CONDITIONS TO AVOID:** Incompatible products. Excess heat. Keep away from open flames, hot surfaces and ignition sources. Exposure to air. Exposure to light.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Component information

Component	LD50 Oral mg/kg (rat)	LD50 Dermal mg/kg (rabbit)	LD50 inhalation ppm (rat)
2-ethoxyethanol	2,800	3,300	4,267
Isopropyl Alcohol	5,045	12,800	16,000
Ethyl Acetate	5,620	18,000	45,000
N-Butanol	790	3,400	8,000
1-Methoxy-2-Propanol	11,700	13,000	10,000

**Reproductive Effects:** May impair fertility. Experiments have shown reproductive toxicity effects on laboratory animals

**Developmental Effects:** Possible risk of harm to the unborn child. Developmental effects have occurred in experimental animal

**Mutagenic Effects:** Mutagenic effects have occurred in experimental animals.

**Teratogenicity:** Teratogenic effects have occurred in experimental animals.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** This product contains the following substances which are hazardous to the environment. Contains substances that are very toxic to aquatic organisms.

Component	Freshwater Algae	Freshwater fish	Microtox	Water flea
2-Ethoxy Ethanol	ESC50 > 1000 mg/L 72h	LC50 > 0.1 mg/L 96h static	EC50 430 mg/L 30 min	EC 50 > 10000 mg/L 48h
n-Butanol		LC50 > 1840 mg/L 96h static		EC 50 > 1983 mg/L 48h

**MOBILITY:** Due to the solid nature of this product, it should have low mobility in soil.

**PERSISTANCE & DEGRADABILITY:** This product is non-biodegradable.

**BIOACCUMULATION:** No information available.

## 13. DISPOSAL CONSIDERATIONS

Waste disposal should be in accordance with all federal, state, and local environmental laws and regulations.

## 14. TRANSPORTATION INFORMATION

### DOT

UN-No	UN1263
Shipping Name	Flammable Liquid
Hazard Class	3
Packing Group	II
HTS Code	3208.20.00

## 15. REGULATORY INFORMATION

**OSHA HAZARD COMMUNICATION:** Not applicable  
**TOXIC SUBSTANCES CONTROL ACT:** Components listed

**CERCLA HAZARDOUS SUBSTANCES (40CFR302):** This material as supplied, contains one or more substances regulated as a hazardous substance under comprehensive environmental response compensation and liability act

**SARA SECTION 311/312:**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of pressure hazard	No
Reactive Hazzard	No

**California Proposition 65**  
2-Ethoxyethanol      Cas-No 110-80-5      Developmental Male reproductive

## 16. OTHER INFORMATION

HMIS Rating:            Health = 3            Flammability = 3            Reactivity Hazard = 0

Acute oral toxicity	Category 4
Acute Inhalation Toxicity-Vapors	Category 3
Reproductive Toxicity	Category 1B

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