

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER

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SUPPLIER

COMMON NAME: COE-SEP

Chemical Name: N.A.

PRODUCT USE: Tinfoil substitute

The following information is provided with regard to the toxicity and hazards of the pure components present in this product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Glycerine (mist) 56-81-5	TWA=10mg/m ³ (ACGIH)	LD50=12600mg/kg (oral rat) LC50=N.E.	1-5%
Denatured Alcohol: Ethanol 64-17-5	TWA=1000ppm	N.E.	5-10%
Methanol 67-56-1	TWA=262mg/m ³ (ACGIH) STEL=328mg/m ³ (ACGIH)	LD50=5628 mg/Kg (oral rat) LC50=64000ppm/4 hr.	

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	N.E.	SPECIFIC GRAVITY:	N.E.
VAPOR PRESSURE:	N.E.	MELTING POINT:	N.E.
VAPOR DENSITY:	N.E.	EVAPORATION RATE:	N.E.
SOLUBILITY IN WATER:	N.E.	ODOR THRESHOLD:	5 ppm as Ethanol
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.			

APPEARANCE AND ODOR: Clear viscous liquid; alcohol odor

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.A. FLAMMABLE LIMITS: N.A.

EXTINGUISHING MEDIA:

Use water, carbon dioxide, dry chemical, or foam

SECTION 4 - FIRE AND EXPLOSION DATA - continued

SPECIAL FIRE FIGHTING PROCEDURES: Not flammable.
Use extinguishing media appropriate to surrounding area.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Contains denatured alcohol. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE: X UNSTABLE:
POLYMERIZATION: WILL NOT OCCUR: X WILL OCCUR:

CONDITIONS TO AVOID: N.E.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None Known

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS:		X						
TERATOGENIC AFFECTS:		X						
REPRODUCTIVE TOXIN:		X						
CARCINOGENICITY:		X						
SENSITIZER:		X						

ROUTES OF ENTRY: INHALATION X SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC):

EYE: Dust generated from dried Coe Sep may be a mechanical irritant to eye.

INHALATION: Contains denatured alcohol. Prolonged exposure to concentrations of ethanol may result in irritation of mucous membranes, headaches, drowsiness, fatigue and narcosis. Methanol is also narcotic in effect and its effects are cumulative. Over exposure to methanol can result in acidosis and visual disturbances.

INGESTION: Contains denatured alcohol. Ingestion may be fatal or cause blindness if swallowed.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation of mucous membranes; headache; drowsiness.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

EMERGENCY FIRST AID PROCEDURES:

EYE: Flush eyes with water for 15 minutes. If irritation develops or persists, seek medical attention.

SKIN: Wash affected area with soap and water.

INHALATION: Remove to fresh air.

INGESTION: Do not induce vomiting. Dilute with water. If gastrointestinal distress develops seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL:

Use absorbent material to absorb spills. Wash area with soap and water.

WASTE DISPOSAL METHOD:

In accordance with local, state, federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:

Keep container well closed.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:

Reduce exposure in accordance with safe hygiene practice. If exposure limits are exceeded, use an MSHA-NIOSH approved respirator for organic vapors.

VENTILATION: LOCAL EXHAUST: N.A. MECHANICAL: N.A.

SPECIAL: N.A. OTHER: N.A.

PROTECTIVE GLOVES: Disposable vinyl gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGIENIC PRACTICE: Follow routine safe hygiene practices.