

Product Code: 2940-1  
 Product Name: FOX VALLEY BROWN

GEMINI INDUSTRIES, INC., 2300 HOLLOWAY DRIVE, EL RENO, OK 73036  
 24-Hour Emergency (Spill, Leak, Exposure or Accident): INFOTRAC 800-535-5053 Outside USA, Call Collect 1-352-323-3500  
 24-Hour Emergency HAZMAT Response and MSDS help: EMI 800-510-8510

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE TOP OF PAGE)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#
THIXOTROPIC AGENT 283 A150	MIXTURE 64742-94-5
MINERAL SPIRITS	8052-41-3
XYLENE OSHA: 100 PPM PEL-TWA NIOSH: 100 PPM PEL-TWA	1330-20-7
ACETONE OSHA VPEL 750 ppm TWA OSHA VPEL 1000 ppm STEL ACGIH TLV 500ppm TWA ACGIH TLV 750 ppm STEL	67-64-1
ROSIN BASED RESIN 25 NAPHTHALENE	68038-41-5 91-20-3
ORGANIC-CHROME COMPLEX	PROPRIETARY
1,2,4-TRIMETHYLBENZENE	95-63-6
METHANOL OSHA TWA PEL: 200ppm ACGIH TLV TWA 200ppm, STEL TLV 250ppm	67-56-1
ETHYLBENZENE	100-41-4
BLACK METAL COMPLEX CARBON BLACK OSHA PEL 1.0 mg/m3	CONFIDENTIAL

3. HAZARDS IDENTIFICATION

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Flammable in a liquid state  
High vapor concentrations may cause mild eye and skin irritation.

#### POTENTIAL HEALTH EFFECTS

##### SKIN:

Widespread contact with skin for several hours can cause harmful amounts of material to be absorbed.

##### INGESTION:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation.

##### INHALATION:

High vapor concentrations or prolonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs.

#### 4. FIRST AID MEASURES

##### EYES:

Flush with luke warm water for a minimum of 15 minutes. Seek medical attention immediately.

##### SKIN:

Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

##### INGESTION:

Rinse mouth immediately. Drink 1 or 2 glasses of water to dilute. Do NOT induce vomiting. Contact physician or poison control center immediately.

##### INHALATION:

Remove exposed individual to fresh air and assist breathing if necessary. Seek immediate medical attention.

#### 5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION: CLASS 1B FLAMMABLE

LOWEST FLASH POINT: 0F

METHOD: TCC

DOT: FLAMMABLE LIQUID

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: 0

UPPER FLAMMABLE LIMIT: 36

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

The National Fire Protection Association Class B extinguisher is designed to extinguish NFPA Class 1B flammable liquid fires.

##### UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding or cutting torch on or near container (even empty) because product (even residue) may ignite explosively. Liquid and vapor states of this substance are dangerous fire hazards and moderate explosion hazards when exposed to heat or flame .

##### FIREFIGHTING INSTRUCTIONS:

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker

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coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

**6. ACCIDENTAL RELEASE MEASURES**

Stay upwind and away from spill or leak unless wearing appropriate protective equipment.  
Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away.  
Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways.  
If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

**7. HANDLING AND STORAGE**

**HANDLING:**

Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in this sheet must be observed.  
Wet down all used wiping rags with water in a covered metal container to prevent spontaneous combustion.

**STORAGE:**

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**

PRIMARY ROUTES OF ENTRY: inhalation, skin contact, eyes, ingestion.

Use local exhaust as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use NIOSH-approved respirator to prevent overexposure.

**SKIN PROTECTION:**

**EYE PROTECTION:**

Wear splashproof goggles and face shield if there is a likelihood of contact with eyes.

**HYGENIC PRACTICES:**

Wash hands thoroughly before eating or using restroom. Remove contaminated clothing immediately and do not wear until it has been properly laundered.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: 133F  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: Heavier Than Air  
SOLUBILITY IN WATER: N/A  
SPECIFIC GRAVITY: .928  
COATING VOC LB/GL: 4.5275 lb/gl  
COATING VOC GM/LTR: 543 g/l



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\* ETHYLBENZENE 100-41-4  
\* BLACK METAL COMPLEX CONFIDENTIAL

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