

Product Code: PM2412  
 Product Name: DARK PINE

**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#
CHROME COMPLEX BROWN 814	MIXTURE
ORGANIC-CHROMIUM COMPLEX ACGIH TWA .5mg/m3, OSHA PEL 1 mg/m3	
ISOBUTYL ACETATE	110-19-0
OSHA: PEL 150ppm-TWA	
ACGIH TLV 150ppm-TWA	
PROPYLENE GLYCOL METHYL ETHER	107-98-2
OSHA PEL: 100ppm TWA, 150ppm STEL	
ACGIH TLV: 100ppm TWA, 150ppm STEL	
ROSIN BASED RESIN 25	68038-41-5
2-BUTOXYETHANOL	111-76-2
OSHA PEL 50 PPM TWA	
OSHA VPEL 25 PPM TWA	
ACGIH TLV 20 PPM TWA	
ETHYL ACETATE	141-78-6
ETHYL ACETATE 400ppm TWA, OSHA & ACGIH '	
ETHANOL	64-17-5
OSHA: 1000 PPM PEL-TWA	
NIOSH: 1000 PPM PEL-TWA	
ISOPROPANOL	67-63-0
400ppm TWA8 ACGIH, 983 mg/m3 TWA8 ACGIH	
980mg/m3 TWA8 OSHA, 500ppm STEL OSHA	

**3. HAZARDS IDENTIFICATION**

Flammable liquid and vapor. Harmful or fatal if swallowed.  
 Vapor harmful. May cause eye, skin and respiratory tract irritation. May affect central nervous system.

**POTENTIAL HEALTH EFFECTS**

**SKIN:**

Prolonged or repeated contact may cause moderate irritation, defatting and dermatitis.

**INGESTION:**

May cause nausea, vomiting, diarrhea and dizziness.

CHRONIC: Does not contain chemicals listed as carcinogenic by NTP, IARC or OSHA. Overexposure may aggravate pre-existing breathing, CNS and skin disorders.

**INHALATION:**

May cause respiratory tract irritation, dizziness, nausea, headache. High concentrations could cause loss of consciousness and asphyxiation.

**4. FIRST AID MEASURES**

**EYES:**

Flush with water for 15 minutes. Get medical attention if irritation continues.

Product Code: PM2412  
Product Name: DARK PINE

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

**SKIN:**

Wash thoroughly with soap and water. Remove contaminated clothing. Launder before reuse.

**INGESTION:**

Do not induce vomiting. Keep person warm and call a physician 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: 24F**

**METHOD: TCC**

**FLAMMABLE LIMITS:**

**LOWER FLAMMABLE LIMIT: 0**

**UPPER FLAMMABLE LIMIT: 12.7**

**EXTINGUISHING MEDIA:**

Dry chemical, CO2, alcohol foam.

**FIREFIGHTING INSTRUCTIONS:**

Use self-contained breathing apparatus and full protective clothing for indoor or large fires. Water may be used to cool containers.

**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:**

Keep container closed when not in use.

**STORAGE:**

Do not store near heat or ignition sources.

**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:**

Gloves recommended for prolonged skin contact.

**EYE PROTECTION:**

Chemical splash goggles should be used when working with chemicals.

**HYGIENIC PRACTICES:**

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Product Code: PM2412  
Product Name: DARK PINE

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

BOILING POINT: 171F  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: >1  
SOLUBILITY IN WATER: Partial  
SPECIFIC GRAVITY: .885  
COATING VOC LB/GL: 6.8875 lb/gl  
COATING VOC GM/LTR: 825 g/l  
MATERIAL VOC LB/GL: 7.327 lb/gl  
MATERIAL VOC GM/LTR: 878 g/l  
% VOLATILE BY VOLUME: 93.26%  
EVAPORATION RATE: N/A (Butyl Acetate=1)  
WEIGHT PER GALLON: 7.367 lb/gl  
PH: Not applicable  
ODOR: Alcohol-like  
APPEARANCE: Colored Liquid

#### 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:  
Stable      Conditions To Avoid: N/A

##### INCOMPATIBILITY

Materials to Avoid: Strong oxidizing agents.

##### HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2

##### HAZARDOUS POLYMERIZATION:

Will not occur.

#### 11. TOXICOLOGICAL INFORMATION

##### CANCER INFORMATION:

This product contains no carcinogens or suspected carcinogens.

##### TERATOLOGY (BIRTH DEFECT) INFORMATION:

This product contains no reported or suspected teratogens.

##### REPRODUCTION INFORMATION:

This product contains no reported or suspected mutagens.

#### 12. ECOLOGICAL INFORMATION

##### ECOLOGICAL INFORMATION:

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

#### 13. DISPOSAL CONSIDERATIONS

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations.

#### 14. TRANSPORT INFORMATION

NOT ESTABLISHED

#### 15. REGULATORY INFORMATION

HMIS HAZARD INDEX: 4=SEVERE, 3=SERIOUS, 2=MODERATE, 1=SLIGHT, 0=LEAST

HEALTH: 1

FLAMMABILITY: 3

REACTIVITY: 0

PERSONAL PROTECTION: B

##### SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372 (Chemicals

Product Code: PM2412  
Product Name: DARK PINE

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

listed below constitute the specific percentage of product by weight. Chemicals that do not have a listed percentage comprise less than 1% of total product weight):

	% BY WT
* CHROME COMPLEX BROWN 814MIXTURE	103
* 2-BUTOXYETHANOL           111-76-2	3

## 16. DISCLAIMER:

The following supercedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED. INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS.

TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.