

**J. B. Jewitt Co., Inc.**  
**Homestead Finishing Products**  
 1935 West 96<sup>th</sup> Street Unit Q  
 Cleveland OH 44102-2673  
 Telephone: (216) 631-5309

**Emergency Assistance**

For emergency assistance involving this product call – 216-631-5309

**Section 1: Product Identification**

**Product Name: TransTint® 6006 Dark Mission Brown**

**MSDS #: 6006**

**Date Issued: July 12, 2004**

**Original**  **Update**

**Reason For Change: General review and update; Update Section 3**

**Section 2: Hazardous Ingredients**

Hazardous Ingredients	CAS Number	OSHA PEL (Permissible exposure limit)	ACGIH TLV (Threshold limit value)	% By Weight
Chromium complex dye	Confidential	Not established	Not established	20-35%
2- Furanmethanol, tetrahydro	97-99-4	Not established	Not established	5-10%
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	Not established	Not established	20-35%
2-Propoxyethanol	2807-30-9	Not established	Not established	10-20%
1,2-Propanediol	57-55-6	Not established	Not established	5-10%
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	34590-94-8	Not established	Not established	1-5%

**Note:** All health hazard components above 1% composition and all carcinogens above 0.1% (1000 ppm) composition are listed.

**Section 3: Hazard Identification**

**EMERGENCY OVERVIEW: WARNING!** This product is HAZARDOUS by OSHA Hazard Communication definition. May cause skin, eye and respiratory tract irritation. May be harmful if inhaled, absorbed through the skin or swallowed. Excessive exposures may cause central nervous system disorders and produce anesthetic or narcotic effects. May cause blood disorders.

**Hazard Rating: NFPA**

**HMIS**

**Hazard Rating Scale:**

**Health: 2\***

**0= Minimal**

**Flammability: 2**

**1= Slight**

**Reactivity: 0**

**2= Moderate**

**PPE: G**

**3= Serious**

**4= Severe**

**Note:** NFPA and HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the specific hazard. To deal adequately with the safe handling of this, or any, material, all the information in the MSDS must be considered and interpreted by a trained professional.

**Potential Health Effects:**

This material has **not been** tested as a whole. The data contained below is based on the properties of the individual components.

This material has been tested as a whole. The data below is based on the properties of the mixture.

**Main Routes of Exposure:**

Inhalation

Ingestion

Skin Absorption

Skin or Eye Contact

**Effects of Acute (Immediate) Exposure:**

Eye Contact .....	May cause moderate eye irritation with corneal injury.
Ingestion.....	Swallowing may produce gastrointestinal irritation and signs of intoxication, characterized by drowsiness, headache, nausea and metabolic acidosis.
Inhalation.....	Can cause irritation to nose, throat and lungs. Inhalation of organic solvents can cause coughing, sore throat, and runny nose, headache, dullness and dizziness. May cause central nervous system depression. May cause blood disorders based on animal studies.
Skin Contact.....	Mild skin irritant. Prolonged contact can cause de-fatting of skin rendering it susceptible to irritation by other substances. Harmful if absorbed. May cause blood disorders based on animal studies.

**Effects of Chronic(Long Term) Exposure:**

Inhalation.....	Chronic exposure to organic solvents has been associated with various nervous system damage including permanent memory loss, loss of intellectual ability and loss of coordination. May cause decreased male fertility. May cause developmental or other harmful effects. May cause blood disorders based on animal studies.
Ingestion.....	May cause developmental or other harmful disorders.
Skin Contact.....	Prolonged contact may cause dermatitis by de-fatting of skin from prolonged or repeated contact. May cause blood disorders based on animal studies.

**Medical Conditions Aggravated by Exposure :**

Any pre-existing disorders or diseases of the respiratory system, central nervous system, skin, eyes, liver, kidney and/or blood.

**Target Organs Affected:**

Central Nervous System, respiratory system, skin, eyes and blood

**The components of this material are considered Carcinogenic by:**

**Not Known**

**National Toxicology Program (NTP)**

**The International Agency for Research on Cancer (IARC)**

**The Occupational Health and Safety Administration (OSHA)**

#### Section 4: First Aid Measures

Eye Contact.....	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids open to rinse completely. Get medical aid.
Ingestion.....	Potential for aspiration if swallowed. Give plenty of water to drink. Get medical aid immediately. Never give anything by mouth to an unconscious person.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Skin Contact.....	In case of contact, flush skin with plenty of soap and water. Remove contaminated clothing and shoes. Get medical aid if irritation, redness, swelling or skin pain develops and persists. Wash clothing before re-use.
<b>** Note to the Physician:.....</b>	None.

#### Section 5: Fire Fighting Measures

Flash Point Deg. C <input type="checkbox"/> F <input checked="" type="checkbox"/>	> 141°
Auto – Ignition Temperature.....	Not determined
Upper Flammable Limit (% Vol).....	Not determined
Lower Flammable Limit (% Vol).....	Not determined
Extinguishing Media.....	Use water spray, dry chemical, carbon dioxide or foam. Cool containers with water until well after the fire is out.
Hazardous Combustion Products.....	Oxides of carbon and nitrogen and other toxic vapors

#### General Information:

Firefighters should wear full protective equipment and positive pressure self-contained breathing apparatus in pressure-demand mode. Vapors may form an explosive mixture with air. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low areas. Use water spray to cool fire-exposed container surfaces.

#### Section 6: Accidental Release Measures

Spill / Leak.....	Use proper personal protective equipment as indicated in Section 8. Stop flow of material. Absorb with inert material (e.g. “oil dry”, sand, earth or other suitable absorbent), then place into a suitable container. Clean up spills immediately. Provide ventilation. Remove all sources of ignition. Use a spark-proof tool. Prevent from entering floor drains or sewers. Do not release any chemicals, dyes, or dye solutions of any type to sewers or any waterways without proper authorization from government agencies. Make appropriate notifications as required.
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#### Section 7: Handling and Storage

Handling Procedures.....	Maintain good personal hygiene. Wash hands and face thoroughly after handling, and before eating, drinking or using tobacco products. Remove contaminated clothing and wash before re-use. Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Use only with adequate ventilation. Avoid breathing vapor or mist.
Storage Needs.....	Observe local regulations. Store in a cool (<150°F), dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use. Keep away from direct

sunlight, heat, sparks or open flames. Keep from freezing.

### Section 8: Exposure Controls / Personal Protection

When selecting personal protective equipment and clothing, follow all manufacturer specifications and recommendations that apply to your specific operations and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

Eye / Type.....	Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.
Respiratory /Type.....	A half-face or full-face NIOSH-approved respirator with organic vapor cartridge is recommended where exposures exceed TLV.
Gloves / Type.....	Wear chemical resistant gloves such as butyl rubber or nitrile.
Clothing / Type.....	Wear long sleeved garment such as a lab coat to prevent skin exposure.
Other / Type.....	Facilities using or storing this product should be equipped with an eyewash facility and safety shower within 100 feet from work area.
Ventilation Requirements.....	Local exhaust ventilation is required to keep exposures below TLV.

### Section 9: Physical and Chemical Properties

Appearance/Odor.....	Brown liquid, alcohol odor
Specific Gravity.....	Not determined
Vapor Pressure .....	Not determined
Vapor Density .....	Heavier than air
Evaporation Rate.....	Not determined
Boiling Point .....	Not determined
Solubility in Water (%W/W).....	Miscible
Freezing Point (deg. C <input type="checkbox"/> F <input type="checkbox"/> ).....	Not determined
Melting Point (deg. C <input type="checkbox"/> F <input type="checkbox"/> ).....	Not determined

### Section 10: Stability and Reactivity

Hazardous Polymerization.....	Will not occur
Stability.....	Stable
Incompatibility.....	Strong oxidizing and reducing agents, acids and alkalis
Conditions to Avoid.....	Ignition sources, excess heat
Hazardous Products of Decomposition....	Oxides of carbon and nitrogen and other toxic vapors

### Section 11: Toxicology Information

Irritancy of Material.....	May cause skin and eye irritation.
Sensitizing Capability of Material.....	Not known
Carcinogenicity of Material.....	See Section 3
Teratogenicity .....	Not known
Mutagenicity.....	Not known
Reproductive Effects.....	For Ethylene glycol monopropyl ether (CAS# 2807-30-9): (Rats): Inhalation of 400 ppm of 6 hrs/day on day 6-15 of pregnancy was found to cause musculoskeletal system defects in offspring. (NTIS study) (Mice): Oral dose of 16 gm/kg on day 7-14 of pregnancy was found to cause stillbirth of offspring. (NTIS study)
Synergistic Materials.....	Not known

### Section 12: Ecology Information

Environmental.....	Volatile and water-soluble. Expect low toxicity in aquatic organisms.
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Biodegradability..... Should be biodegradable after an acclimation period. Not expected to be persistent or bioaccumulative. Avoid accidental release.  
Ethylene glycol monopropyl ether (CAS# 2807-30-9) has a high biological oxygen demand (BOD) and a potential to cause oxygen depletion in aqueous systems. When diluted with a large quantity of water, it is not expected to have a significant impact when released in the environment.

### Section 13: Disposal Considerations

Waste Disposal ..... Not known to contain chemicals in quantities subject to this regulation when disposed as supplied. Waste generators must consult with federal, state and local hazardous waste regulations to ensure complete and accurate classification.

### Section 14: Transport Information

U. N. # ..... Not applicable  
D.O.T. Classification ..... ORM-D (if packaged in containers less than 1L)

### Section 15: Regulatory Information

- TSCA**  Components of this product are listed on the TSCA Inventory or are exempt.
- CERCLA**  Chromium, chromium compounds: No RQ is assigned to this generic class of compounds, although the class is a CERCLA hazardous substance.
- SARA TITLE III**  This product is considered, under applicable definitions, to meet the following categories:  
Section 311/312:  
Immediate/acute health hazard, delayed/chronic health hazard  
  
Section 313:  
This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under Section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this material:  
Chromium compounds (~34%), glycol ethers (reporting threshold = 1%)
- CALIFORNIA PROPOSITION 65**  This product does not contain chemicals listed as carcinogens or reproductive toxins at levels which could be subject to Proposition 65.
- STATE RIGHT-TO-KNOW LISTING**  California:  
None listed  
  
Florida:  
None listed  
  
Massachusetts:  
Propanol, 1(or 2)-(2-methoxymethylethoxy)- (CAS# 34590-94-8)  
  
Minnesota:  
None listed

New Jersey:

Ethanol, 2-propoxy- (CAS# 2807-30-9)

Pennsylvania:Propanol, 1(or 2)-(2-methoxymethylethoxy)-  
(CAS# 34590-94-8)

Ethanol, 2-propoxy- (CAS# 2807-30-9)

1,2-Propanediol (CAS# 57-55-6)

 CANADA Domestic Substances List:

All ingredients are on DSL

WHMIS classification:

B-3, D-2-B

**Section 16: Other Information**

**The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information is based on the material as manufactured, it may not be valid for this material if used in combination with any other materials or in any process. J.B. Jewitt Co., Inc./Homestead Finishing Products shall not be held liable for any damage resulting from handling or from contact with the product(s).**