

**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® 6003 Reddish Brown**

**MSDS #: 6003**

**Date Issued: April 19, 2002**

**Original**  **Update**

**Reason For Change:**

**Section 2: Hazardous Ingredients**

Hazardous Ingredients	CAS Number	OSHA PEL (Permissible exposure limit)	ACGIH TLV (Threshold limit value)	% By Weight
2-Propanol, 1-ethoxy	1569-02-4	Not established	Not established	<20%
Diethylene glycol butyl ether	112-34-5	Not established	Not established	<10%
Trivalent chromium compound	NA	0.5 mg/m <sup>3</sup> (as Cr)	0.5 mg/m <sup>3</sup> (as Cr)	<10%
Acid Red 357 (A Cr <sup>+3</sup> complex dye)	Proprietary	Not established	Not established	>1%

\* TWA = Time weighted average, STEL= Short Term Exposure Limit

**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 central nervous system depression. Causes respiratory tract irritation. Aspiration hazard if swallowed. Breathing vapors may cause nausea, headache, drowsiness and dizziness. Prolonged or repeated contact causes de-fatting of skin with irritation, drying and cracking.

**Hazard Rating: NFPA**

**HMIS**

**Hazard Rating Scale:**

**Health: 2**  
**Flammability: 2**  
**Reactivity: 0**  
**PPE: G**

**0= Minimal**  
**1= Slight**  
**2= Moderate**  
**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 severe irritation. Prolonged or repeated contact can result in burns and permanent injury.
Ingestion.....	Swallowing can cause severe stomach disturbances, narcosis, nausea and vomiting. Delayed kidney injury can occur.
Inhalation.....	Can cause irritation to nose, throat and lungs. Inhalation of organic solvents can cause coughing, sore throat, and runny nose, loss of sensation, headache, dullness, dizziness, nausea, and vomiting.
Skin Absorption.....	Not applicable.
Skin Contact.....	Can cause severe irritation. Contact with chromium III compounds has been reported to cause severe redness, swelling and pain in humans. Prolonged contact can cause de-fatting of skin rendering it susceptible to irritation by other substances.

**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
Skin Contact.....	This product has a low potential for allergic skin reactions, however, prolonged contact can cause de-fatting of skin which can render it susceptible to irritation by other substances. Some trivalent chromium products have demonstrated a slight skin sensitizing potential.

**Medical Conditions Aggravated by Exposure :**

Persons with breathing and lung problems can be affected by breathing in any type of chemical vapor or mist. Persons with asthma, allergies, or other breathing-related problems should stay away from, not handle, and not be exposed to any product vapors or mists as a precautionary measure.

**Target Organs Affected:**

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

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

Not Applicable

**National Toxicology Program (NTP)**

This product contains a trivalent chromium compound. Chromium and certain chromium compounds have been classified by the National Toxicology Program (NTP) as “substances or groups of substances known to be carcinogenic”. However, there was inadequate evidence for carcinogenicity of chromium and trivalent chromium compounds in humans and experimental animals.

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

This product contains a trivalent chromium compound. IARC lists trivalent chromium as a Group 3 carcinogen: "The chemical or group of chemicals can not be classified as to its carcinogenicity for humans." IARC monographs on the evaluation of carcinogenic risk of chemicals to humans concluded that "there is no consistent evidence that water soluble trivalent chromium has genetic activity."

**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. 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"/>	> 100°
Auto – Ignition Temperature.....	Not determined
Upper Flammable Limit (% Vol).....	Not determined
Lower Flammable Limit (% Vol).....	Not determined
Extinguishing Media.....	Use water fog, 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, chromium, sulfur 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
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before re-use. Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Do not pressuring, cut, weld, braze, solder, drill, grind or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Avoid breathing vapor or mist.

Storage Needs..... Observe local regulations. Store in a cool (<122°F), dry, well-ventilated area away from incompatible materials. Keep containers closed when not in use. Keep away from 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, solvent odor

Specific Gravity..... 1.03 g/cm<sup>3</sup>

Vapor Pressure ..... Not determined

Vapor Density ..... Heavier than air

Evaporation Rate..... Not determined

Boiling Point ..... Not determined

Solubility in Water (% W/W)..... Moderately soluble

Freezing Point (deg. C  F  )..... Not determined

Melting Point (deg. C  F  )..... Not determined

### Section 10: Stability and Reactivity

Hazardous Polymerization..... Will not occur

Stability..... Stable

Incompatibility..... None known

Conditions to Avoid..... Ignition sources, excess heat

Hazardous Products of Decomposition.... Oxides of carbon and nitrogen, chromium, sulfur, and other toxic vapors

### Section 11: Toxicology Information

Irritancy of Material..... May cause skin irritation.

Sensitizing Capability of Material..... Low. Although this product is not an irritant based on animal studies, individuals can still become sensitive to, or react to, any chemicals in their immediate environment.

Carcinogenicity of Material..... See Section 3

Teratogenicity ..... Not known

Mutagenicity..... Not known

Reproductive Effects..... Not known  
 Synergistic Materials..... Not known

### Section 12: Ecology Information

Environmental..... Volatile and water-soluble.  
 Biodegradability..... Not known.

### Section 13: Disposal Considerations

Waste Disposal ..... Classified as a listed (D007, chromium) and ignitable hazardous waste (D001) 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, fire 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 MSDSs copied or distributed for this material:  
 Chromium compounds (<16% total chromium)  
 Glycol ethers (<11%)

**CALIFORNIA PROPOSITION 65**  To the best of our knowledge, based on information available at the time of this entry, we are not aware of any chemicals known to the state of California to cause cancer or reproductive toxicity.

**STATE RIGHT-TO-KNOW LISTING**  California:  
 None listed  
  
Florida:  
 None listed  
  
Massachusetts:  
 None listed  
  
Minnesota:  
 None listed

New Jersey:

None listed

Pennsylvania:

None listed

CANADA

Domestic Substances List:

Not determined

Ingredient Disclosure List:

Not determined

WHMIS classification:

Not established

**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).**