

J. B. Jewitt Co., Inc.
Homestead Finishing Products
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 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® 6027 Bordeaux

MSDS #: 6027

Date Issued: April 23, 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	40-50%
C.I. Acid Red 405	Confidential	1 mg/m ³	Not established	10-20%
1,2-Propanediol	57-55-6	Not established	Not established	10-20%
2-Furanmethanol, tetrahydro-	97-99-4	Not established	Not established	10-20%
Alcohol	Confidential	Not established	Not established	1-10%

* 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. Causes respiratory tract irritation. May cause skin and severe eye irritation. Flammable liquid.

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 severe irritation. Serious eye damage possible.
 Ingestion..... May cause mild stomach upset.
 Inhalation..... May cause upper respiratory system irritation. May cause drowsiness.
 Skin Absorption..... Not applicable.
 Skin Contact..... May cause mild skin irritation.

Effects of Chronic(Long Term) Exposure:

Inhalation..... Not applicable.
 Skin Contact..... Not applicable.

Medical Conditions Aggravated by Exposure :

None known

Target Organs Affected:

Eyes, skin, respiratory system, gastrointestinal system

The components of this material are considered Carcinogenic by:

Not Applicable

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..... Give plenty of water to drink. Get medical aid immediately. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing 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..... Wash skin with plenty of soap and water. Get medical aid if irritation develops and persists. Remove contaminated clothing and shoes. Wash clothing before re-use.

**** Note to the Physician:.....** None.

Section 5: Fire Fighting Measures

Flash Point Deg. C F

106°

Auto – Ignition Temperature.....	Not determined
Upper Flammable Limit (% Vol).....	Not determined
Lower Flammable Limit (% Vol).....	Not determined
Extinguishing Media.....	Use water mist, carbon dioxide, dry chemical or foam. Cool containers with water until well after the fire is out.
Hazardous Combustion Products.....	Oxides of carbon, nitrogen and sulfur as well as chromium compounds 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
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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.
Storage Needs.....	Observe local regulations. Store in a cool (<100°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.....	Explosion-proof local exhaust ventilation is required to keep exposures below TLV.

Section 9: Physical and Chemical Properties

Appearance/Odor.....	Red liquid, aromatic odor
Specific Gravity.....	1.03 g/cm ³
Vapor Pressure	~ 0.1 mbar @ 68°F
Vapor Density	Heavier than air
Evaporation Rate.....	Not determined
Boiling Point	>110°C
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.....	None known
Conditions to Avoid.....	Ignition sources, excess heat
Hazardous Products of Decomposition....	Oxides of carbon, nitrogen and sulfur, chromium compounds and other toxic vapors

Section 11: Toxicology Information

Irritancy of Material.....	Severe eye irritant
Sensitizing Capability of Material.....	Not known
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 an 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.
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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

<input checked="" type="checkbox"/> TSCA	<input checked="" type="checkbox"/> Components of this product are listed on the TSCA Inventory or are exempt.
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Not applicable
<input checked="" type="checkbox"/> SARA TITLE III	<input checked="" type="checkbox"/> This product is considered, under applicable definitions, to meet the following categories: <u>Section 311/312:</u> Immediate/acute health hazard, fire hazard <u>Section 313:</u>

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 (17%). Contains 1% Cr+3

CALIFORNIA PROPOSITION 65

This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

STATE RIGHT-TO-KNOW LISTING

California:
None listed

Florida:
None listed

Massachusetts:
2-Furanmethanol, tetrahydro- (CAS # 97-99-4)
Chromium compounds are on Massachusetts Carcinogens and Extraordinary Hazards List.

Minnesota:
None listed

New Jersey:
Chromium compounds (NJ Registry # 29943300001-4029) (Right to Know Special Hazards List)

Pennsylvania:
2-Furanmethanol, tetrahydro- (CAS # 97-99-4)
1,2-Propanediol (CAS # 57-55-6)
Chromium compounds (NJTS # 29943300001-4029)
(Environmental and Special Hazardous Substances List)

CANADA

Domestic Substances List:
This product contains a component that is not listed on the Canadian Domestic Substances List.

Ingredient Disclosure List:
1,2- Propanediol (CAS # 58-55-6)
2-Furanmethanol, tetrahydro- (CAS # 97-99-4)
Chromium III compounds

WHMIS classification:
Not determined

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).