

J. B. Jewitt Co., Inc.
Homestead Finishing Products

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Emergency Assistance

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

Section 1: Product Identification

Product Name: TransTint® 6021 Bright Red

MSDS #: 6021

Date Issued: August 23rd, 2010

Original **Update**

Reason For Change: General regulatory update

Section 2: Hazardous Ingredients

Hazardous Ingredients	CAS Number	OSHA PEL (Permissible exposure limit)	ACGIH TLV (Threshold limit value)	% By Weight	EU Symbol/ Classifications
2-Propoxyethanol	2807-30-9	Not established	Not established	30-40	XN; R21/R36
Proprietary dye compound	NA	Not established	Not established	20-30	Not classified
Diethylene glycol monobutyl ether	112-34-5	Not established	Not established	10-20	XI; R36
2-Propanol, 1-methoxy	107-98-2	100 ppm	369 mg/m ³	5-15	R10
1,2-Propanediol	57-55-6	Not established	Not established	1-5	Not classified

* 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: DANGER! This product is HAZARDOUS by OSHA Hazard Communication definition. Toxic. May cause central nervous system depression. Causes skin and respiratory tract irritation. Risk of serious damage to eyes. Exposure may cause nausea, headache, drowsiness and dizziness.

Hazard Rating: NFPA **HMIS**

Health: *2

Flammability: 1

Reactivity: 0

PPE: X

Hazard Rating Scale:

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 eye irritation.

Ingestion..... Based on animal toxicity data, this product is expected to be slightly toxic if swallowed.

Inhalation..... Causes upper respiratory tract irritation. These vapors can also cause central nervous system depression with symptoms of headache, nausea, dullness and dizziness.

Skin Absorption..... May be absorbed through the skin.

Skin Contact..... May cause skin irritation.

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..... Irritant

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:

Blood, lungs, liver, kidneys

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..... If swallowed, give 3-4 glasses of water but do not induce vomiting. If vomiting occurs, give water again. Never give anything by mouth to an unconscious person. Potential for aspiration if swallowed. Get medical aid immediately. Have physician determine whether vomiting or stomach evacuation is necessary.

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.

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

Section 5: Fire Fighting Measures

Flash Point Deg. C F >141
 degrees
 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..... No decomposition expected under normal conditions.

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. 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.

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. Do not 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 (<100°F), dry,
 well-ventilated area away from incompatible materials
 (Strong oxidizing agents, strong acids, strong bases). Keep
 containers closed when not in use. Keep away from heat,
 sparks or open flames. 2-Propoxy ethanol can form unstable
 peroxides upon prolonged exposure to air. Keep from
 freezing. Keep from contact with oxidizing materials.

Section 8: Exposure Controls / Personal Protection

Eye / Type..... Wear splash-proof chemical safety goggles or safety glasses
 with side shields. 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 neoprene.
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.....	Red liquid, solvent odor
Density (Specific Gravity).....	8.6 pounds/gallon (1.03 g/ml)
Vapor Pressure/Vapor Density	Not determined
Product VOC.....	4.64 pounds (556 g/l)
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
pH.....	Not determined
Flash Point.....	>141°F
Flammability.....	Not determined
Autoflammability.....	Not determined
Explosive Properties	Not determined
Oxidizing Properties.....	Not determined
Partition Coefficient	Not determined

Section 10: Stability and Reactivity

Hazardous Polymerization.....	Will not occur
Stability.....	Stable
Incompatibility.....	Strong oxidizing agents, strong acids, strong bases
Conditions to Avoid.....	Ignition sources, excess heat
Hazardous Products of Decomposition.....	No decomposition expected under normal conditions.

Section 11: Toxicology Information

Irritancy of Material.....	May cause skin, eye and respiratory irritation.
Sensitizing Capability of Material.....	Not determined
Carcinogenicity of Material.....	See Section 3
Teratogenicity	Not known
Mutagenicity.....	Not known
Reproductive Effects.....	For 2-Propanol, 1-methoxy (CAS# 107-98-2): (Rats, Mice and Rabbits): Exposure to 0.04 to 2 mg/kg/day during the first 18-21 days of gestation were found to cause no effects in mice and rabbits; delayed ossification was seen in the rat. (Rats): Inhalation of 3000 ppm for 6 hrs/day on day 6-15 of pregnancy was found to cause delayed ossification in offspring. Reproductive Effects (Rats and Rabbits): Inhalation Exposure to male rats and rabbits of 300, 1000 or 3000 ppm 6 hrs/day, 5-days/week for 13 weeks did not show evidence of testicular effects.

Synergistic Materials..... Not known

Section 12: Ecology Information

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

Section 13: Disposal Considerations

Waste Disposal Waste generators must consult with federal, state and local hazardous waste regulations to ensure complete and accurate classification.

Section 14: Transport Information

U. N. # NA1993
D.O.T. Classification Not regulated if transported by ground (Non-bulk)
Combustible liquids, NOS (contains 2-propoxyethanol,
2-propanol-1-methoxy) 3, PG III (if shipped in containers
>119 gallon)
IATA..... Not regulated

Section 15: Regulatory Information

- TSCA** Components of this product are listed on the TSCA Inventory or are exempt.
- CERCLA** Glycol ether compounds: Listed, no RQ assigned
- 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 MSDSs copied or distributed for this material:
2-Propoxyethanol (CAS# 2807-30-9)
Diethylene glycol monobutyl ether (CAS# 112-34-5)
- CALIFORNIA PROPOSITION 65** **WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
- STATE RIGHT-TO-KNOW LISTING** Illinois:
2-Propanol, 1-methoxy (CAS# 107-98-2)

Massachusetts:
2-Propanol, 1-methoxy (CAS# 107-98-2)

Minnesota:
2-Propanol, 1-methoxy (CAS# 107-98-2)
1,2-Propanediol (CAS# 57-55-1)

New Jersey:
2-Propanol, 1-methoxy (CAS# 107-98-2)

Pennsylvania:

2-Propanol, 1-methoxy (CAS# 107-98-2)
1,2-Propanediol (CAS# 57-55-1)

Rhode Island:

2-Propanol, 1-methoxy (CAS# 107-98-2)
1,2-Propanediol (CAS# 57-55-1)

CANADA

Domestic Substances List:

Not determined

WHMIS classification:

Not determined

EUROPEAN INFORMATION

- R21 Harmful
R10 Flammable
R36 Irritating to eyes
S7/S9 Keep container tightly closed and in a well-ventilated area
S24/S25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin wash immediately with plenty of water
S36/S37/S39 Wear suitable protective clothing, gloves and eye protection
XI

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).