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Homestead Finishing Products
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 Telephone: (216) 631-5309

Emergency Assistance

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

Section 1: Product Identification
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Product Name: TransTint 6024 Bright Green

MSDS #: 6024

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
Dipropylene glycol methyl ether	34590-94-8	100 ppm	100 ppm	40-45%

* 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. May cause eye irritation.

Hazard Rating: NFPA

HMIS

Hazard Rating Scale:

Health: 1

0= Minimal

Flammability: 1

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 slight transient eye irritation. Corneal injury is unlikely.
Ingestion.....	Swallowing small amounts incidental to normal handling is not likely to cause injury. Larger amounts may cause injury.
Inhalation.....	May cause irritation to nose, throat and lungs. Inhalation of excessive amounts of organic solvents can cause coughing, sore throat, and runny nose, headache, dullness and dizziness.
Skin Absorption.....	Can be absorbed through the skin.
Skin Contact.....	May cause minor 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.....	Prolonged contact is not likely to cause significant skin irritation. Prolonged skin contact with very large amounts may cause drowsiness. Observations in animals includes minor liver or kidney effects.

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, skin and eyes

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.

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

Section 5: Fire Fighting Measures

Flash Point Deg. C <input type="checkbox"/> F <input checked="" type="checkbox"/>	> 200°
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, nitrogen and 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
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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. Avoid breathing vapor or mist.
Storage Needs.....	Observe local regulations. Store in a cool, 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.....	Green liquid, slight odor
Specific Gravity.....	1.00 g/cm ³
Vapor Pressure	Not determined
Vapor Density	Heavier than air
Evaporation Rate.....	Not determined
Boiling Point	>212°F
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 agents
Conditions to Avoid.....	Ignition sources, excess heat
Hazardous Products of Decomposition....	Oxides of carbon, nitrogen and sulfur, and other toxic vapors

Section 11: Toxicology Information

Irritancy of Material.....	May cause slight transient skin irritation.
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	Not hazardous 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 checked="" 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, delayed/chronic health hazard <u>Section 313:</u>

Not applicable

CALIFORNIA PROPOSITION 65

To the best of our present knowledge, this product does not contain substances that are known to the state of California to cause cancer or reproductive toxicity.

STATE RIGHT-TO-KNOW LISTING

California:
None listed

Florida:
None listed

Massachusetts:
Any component of this product that is a hazardous chemical as listed on the Massachusetts substance list is shown in Section 2 of this MSDS. Non-hazardous components are being withheld as trade secret information.

Minnesota:
None listed

New Jersey:
None listed

Pennsylvania:
As noted per Section 2

CANADA

Domestic Substances List:
Components listed

Ingredient Disclosure List:
Not determined

WHMIS classification:
Not established, no testing is planned

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).