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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

Product Name: TransTint® 6023 Black

MSDS #: 6023

Date Issued: July 12, 2004

Original **Update**

Reason For Change: Updated current component data. Edit section 3 statements.

Section 2: Hazardous Ingredients

Hazardous Ingredients	CAS Number	OSHA PEL (Permissible exposure limit)	ACGIH TWA (Time weighted average)	% By Weight
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	100 ppm	100 ppm	30-60%
Chromium complex dye	Confidential	Not established	Not established	10-20%
Propanol, 1(or 2)-(2-methoxymethylethoxy)-	34590-94-8	100 ppm	100 ppm	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 cause liver and/or kidney damage if swallowed. May cause central nervous system depression. Breathing vapors may cause nausea, headache, drowsiness and dizziness. 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.

Section 5: Fire Fighting Measures

Flash Point Deg. C <input type="checkbox"/> F <input checked="" type="checkbox"/>	> 200°F Closed cup SW-846 1020 (ASTM Compliant)
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 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.
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.....	Black liquid, aromatic odor
Specific Gravity.....	Not established
Vapor Pressure	Not established
Vapor Density	Heavier than air
Evaporation Rate.....	Not determined
Boiling Point	Not established
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 and nitrogen and other toxic vapors

Section 11: Toxicology Information

Irritancy of Material.....	Mild skin irritant, moderate eye irritant
Sensitizing Capability of Material.....	May be a skin sensitizer
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. Expect low toxicity in aquatic organisms.
Biodegradability.....	Should be biodegradable after an acclimation period. Not expected to be persistent or bioaccumulative. Avoid accidental release.

Section 13: Disposal Considerations

Waste Disposal	Classified as a listed (D007 chromium, RQ 10 pounds) 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 checked="" type="checkbox"/> CERCLA	<input checked="" type="checkbox"/> Chromium, chromium compounds: No RQ is assigned to this generic class of compounds, although the class is a CERCLA hazardous substance
<input checked="" type="checkbox"/> SARA TITLE III	<input checked="" type="checkbox"/> This product is considered, under applicable definitions,

to meet the following categories:

Section 311/312:

Immediate/acute 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: (~18%).

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

CANADA

Domestic Substances List:
All chemical components are listed on the Canadian Domestic Substances List.

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).