

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: TransFast Turquoise Blue 3281

MSDS #: 3281

Date Issued: March 1, 2005

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
Direct Blue 86	1330-38-7	Not applicable	Not applicable	70-90%
Sodium sulfate	7757-82-6	Not applicable	Not applicable	10-30%

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 slight respiratory tract, skin and eye irritation.

Hazard Rating: NFPA

HMIS

Hazard Rating Scale:

Health: 1
Flammability: 1
Reactivity: 0
PPE: B

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

Skin Absorption

Ingestion

Skin or Eye Contact

Effects of Acute (Immediate) Exposure:

Eye Contact	May cause slight eye irritation.
Ingestion.....	Not applicable.
Inhalation.....	May cause slight irritation to nose, throat and lungs.
Skin Contact.....	May cause slight 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:

None known.

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 if irritation occurs.
Ingestion.....	Give plenty of water to drink. Induce vomiting only if advised by Poison Control Center. Never give anything by mouth to an unconscious or convulsing person.
Inhalation.....	If inhaled, remove to fresh air. Get medical aid if effects occur.
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
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Flash Point Deg. C <input type="checkbox"/> F <input checked="" type="checkbox"/>	Not applicable
Auto – Ignition Temperature.....	Not applicable
Upper Flammable Limit (% Vol).....	Not applicable
Lower Flammable Limit (% Vol).....	Not applicable
Extinguishing Media.....	Use water mist, carbon dioxide, dry chemical or foam.
Unusual Fire and Explosion Hazards.....	None expected, but avoid the build-up of dye dust clouds which could be explosive as are other organic powders.
Hazardous Combustion Products.....	Oxides of carbon, nitrogen and sulfur.

General Information:

Firefighters should wear full protective equipment and positive pressure self-contained breathing apparatus in pressure-demand mode.

Section 6: Accidental Release Measures

Spill / Leak.....	Use proper personal protective equipment as indicated in Section 8. Clean up spills immediately. Provide ventilation. Mix material with sweeping compound to minimize dusting while sweeping and containing. Vacuum contaminated areas.
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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, dry, well-ventilated area, in original or similar waterproof containers, away from incompatible materials. Keep containers closed when not in use.

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 safety glasses with side-shields or chemical safety goggles. Contact lenses should not be worn when working with chemicals.
Respiratory /Type.....	A NIOSH/MSHA – approved dust respirator should be worn.
Gloves / Type.....	Wear impervious gloves as a standard handling procedure.
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 minimize exposures.

Section 9: Physical and Chemical Properties

Appearance/Odor.....	Blue powder, slightly aromatic
Specific Gravity.....	Not determined
Vapor Pressure	Not determined
Vapor Density	Not applicable
Evaporation Rate.....	Not applicable
Boiling Point	Not applicable
Solubility in Water (%W/W).....	Soluble
Freezing Point (deg. C <input type="checkbox"/> F <input type="checkbox"/>).....	Not applicable
Melting Point (deg. C <input type="checkbox"/> F <input type="checkbox"/>).....	Not applicable

Section 10: Stability and Reactivity

Hazardous Polymerization.....	Will not occur under normal conditions.
Stability.....	Stable
Incompatibility.....	Oxidizing and reducing agents
Conditions to Avoid.....	Excess heat
Hazardous Products of Decomposition....	Oxides of carbon, nitrogen and sulfur

Section 11: Toxicology Information

Irritancy of Material.....	Slight 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
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Environmental.....	Water-soluble.
Biodegradability.....	Not tested

Section 13: Disposal Considerations
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Waste Disposal	Dispose in accordance with local, state and federal environmental control regulations. Emptied containers retain product residue and should not be distributed, made available, furnished or reused except for the storage and shipment of the original product.
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Section 14: Transport Information
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U. N. #	Not applicable
D.O.T. Classification	Not applicable

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 health hazard <u>Section 313:</u> Direct Blue 86: Copper compound (1330-38-0) < 50.0%
<input checked="" type="checkbox"/> CALIFORNIA PROPOSITION 65	<input checked="" type="checkbox"/> This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.
<input checked="" type="checkbox"/> STATE RIGHT-TO-KNOW LISTING	<input checked="" type="checkbox"/> <u>California:</u> None listed <u>Florida:</u> None listed <u>Illinois:</u> None listed <u>Massachusetts:</u> None listed <u>Minnesota:</u> None listed

New Jersey:

None listed

Pennsylvania:

None listed

Rhode Island:

None listed

 CANADA Domestic Substances/Non-Domestic Substances List:

All chemical components are listed on the Canadian Domestic Substances List or the Non-Domestic Substances List.

WHIMIS Ingredient Disclosure List:

Not known

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).