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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[®] 6026 Purple
MSDS #: 6026
Date Issued: July 12, 2004
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-methoxy | 107-98-2 | 100 ppm | 369 mg/m ³ (skin) | 30-40% |
| 1-Propanol, 2-methoxy | 1589-47-5 | Not established | Not established | 0-1% |
| Ethanol, 2-(2-butoxyethoxy) | 112-34-5 | Not established | Not established | 5-15% |
| Acid violet dye | Confidential | Not established | Not established | 20-30% |

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. Causes respiratory tract irritation. May cause skin and eye irritation.

Hazard Rating: NFPA

HMIS

Hazard Rating Scale:

Health: 2*
Flammability: 2
Reactivity: 0
PPE: G

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 moderate eye irritation with corneal injury.

Ingestion..... Swallowing may produce gastrointestinal irritation and signs of intoxication, characterized by drowsiness, headache, nausea and metabolic acidosis.

Inhalation..... Can cause irritation to nose, throat and lungs. Inhalation of organic solvents can cause coughing, sore throat, and runny nose, headache, dullness and dizziness. May cause central nervous system depression.

Skin Contact..... Mild skin irritant. Prolonged contact can cause de-fatting of skin rendering it susceptible to irritation by other substances.

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..... Not applicable.

Medical Conditions Aggravated by Exposure :

Any pre-existing disorders or diseases of the respiratory system, central nervous system, skin, eyes, liver, kidney and./or blood.

Target Organs Affected:

Central Nervous System, respiratory system, skin and eyes

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

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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..... | In case of contact, wipe away excess material with dry towel. |

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"/> | >100° |
| 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 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

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| 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. |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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 (<105°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.

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|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 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. |

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|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 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

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|-----------------------------------------------------------------------------------|-----------------------------|
| Appearance/Odor..... | Purple liquid, solvent odor |
| Specific Gravity..... | Not determined |
| Vapor Pressure | Not determined |
| Vapor Density | Heavier than air |
| Evaporation Rate..... | Not determined |
| Boiling Point | 110-140°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

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|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Hazardous Polymerization..... | Will not occur |
| Stability..... | Stable |
| Incompatibility..... | None known |
| Conditions to Avoid..... | Ignition sources, excess heat, strong oxidizing agents. 1-Methoxy-2-Propanol may react with oxygen to form peroxides. |
| Hazardous Products of Decomposition.... | Oxides of carbon and nitrogen and other toxic vapors |

Section 11: Toxicology Information

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|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Irritancy of Material..... | Moderate eye irritant. |
| Sensitizing Capability of Material..... | Not known |
| Carcinogenicity of Material..... | See Section 3 |
| Teratogenicity | Not known |
| Mutagenicity..... | Not known |
| Reproductive Effects..... | For 2-Methoxy-1-Propanol (CAS# 1589-47-5): (Rabbits): Has been shown to cause developmental effects in offspring of female rabbits exposed to 0, 145, 225, 350 and 545 ppm by inhalation during pregnancy. 145 ppm was the no observed effects level (NOEL) in this study. The acetate of 2-methoxy-1-propanol also has been tested for developmental effects. Information for the acetate of 2-methoxy-1-propanol is pertinent since the acetate portion of this molecule is quickly removed in a living organism to yield 2-methoxy-1-propanol. Rabbits exposed to concentrations of 0, 36, 145 or 550 ppm developed or bore offspring that showed malformations of sternum, paws, major blood vessels and the heart at the highest exposure level. 145 ppm was the no observed effects level (NOEL) in this study. (Rats): The acetate of 2-methoxy-1-propanol also has been tested for developmental effects. Information for the acetate of 2-methoxy-1-propanol is pertinent since the acetate portion of this molecule is quickly removed in a living organism to yield 2-methoxy-1-propanol. The offspring of rats exposed to concentrations of 0, 110, 550 or 2700 ppm developed vertebral incisions at the highest exposure level, in the presence of maternal toxicity. 145 ppm was the no observed |

effects level (NOEL) in this study.

Synergistic Materials..... Not known

Section 12: Ecology Information

Environmental..... Volatile and water-soluble.
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 listed is 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.

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

TSCA Components of this product are listed on the TSCA Inventory or are exempt.

CERCLA Not applicable

SARA TITLE III This product is considered, under applicable definitions, to meet the following categories:
Section 311/312:
Immediate/acute health hazard, fire hazard, reactive

Section 313:
Not applicable

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

Minnesota:
None listed

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

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

CANADA

Domestic Substances/Non-Domestic Substances List:

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

WHMIS Ingredient Disclosure List:

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

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).