



**MATERIAL SAFETY DATA SHEET
DYED, PRINTED, COATED AND FINISHED TEXTILE FABRICS**

August 16, 2011

Page 1 of 3

ADVISORY TO USER

Top Value Fabrics is a provider of dyed, printed and coated textile fabrics. The textile fabric is considered to be an article that is formed to a specific shape or design, that is intended to have an end use function dependent in whole or in part upon the fabric's shape or design, and that under normal conditions, will release no more than minute or trace amounts of a hazardous chemical and will not pose a physical hazard or health risk. The federal Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200), which establishes requirements for the preparation and provision of material safety data sheets, does not apply to articles. Nonetheless, as a convenience to Top Value Fabrics customers, and to assist downstream users of the product, Top Value Fabrics has elected to provide this material safety data sheet, which generally conforms to the requirements of the federal Hazard Communication Standard. The information provided herein is furnished by Top Value Fabrics without warranty of any kind, whether or not it originated with Top Value Fabrics. Much of the information contained in this Material Safety Data Sheet originates from our supplier; in particular the information cannot be warranted by Top Value Fabrics to be correct or appropriate for the recipient's intended use. Top Value Fabrics makes no warranty or representation of any kind whatsoever as to use of the materials covered by this Material Safety Data Sheet in combination with any other materials or in any process. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances, as the information contained herein if offered for the recipient's consideration, investigation and verification.

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: Dyed, Printed, Coated and Finished Textile Fabric
Provider: Top Value Fabrics / LLM
Emergency Telephone: 317-844-7496
Date of Preparation/Revision: February 2, 2013

Section 2: HAZARDS IDENTIFICATION

Primary Routes of Entry: Skin Eye Ingestion Inhalation None

SIGNS & SYMPTOMS OF EXPOSURE: Acute: None Chronic: None known.

Inhalation (Breathing): Formaldehyde vapors may cause respiratory tract irritation in concentrations 1-3 ppm

Eyes: Vapor may cause irritation and inflammation of eyes.

Skin (Dermal): Exposure to Formaldehyde may result from skin contact with this fabric. Formaldehyde is a skin irritant and may trigger allergic reactions in sensitive individuals.

Medical Conditions Aggravated: Allergic Conditions

Section 3: COMPOSITION OF HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME/SYNONYM(S)</u>	<u>CAS NO.</u>
Formaldehyde	50-00-00

This fabric may contain a low level of Formaldehyde. Inhalation of Formaldehyde vapor caused cancer in laboratory animal tests. Exposures to Formaldehyde caused irritation of eyes, skin, nose and throat. Formaldehyde may trigger allergic reaction in sensitized individuals. Formaldehyde has a pungent odor. Physical data for the fabric finished with chemicals containing formaldehyde is not applicable.



MATERIAL SAFETY DATA SHEET
DYED, PRINTED, COATED AND FINISHED TEXTILE FABRICS

August 16, 2011

Page 2 of 3

Section 4: FIRST AID MEASURES

Eyes: Remove individual to fresh air. If irritation persists, flush with plenty of water.
Skin (Dermal): Wash affected area thoroughly with a mild soap and water.
Ingestion: Not expected to pose an ingestion hazard.
Inhalation (Breathing): Remove individual to fresh air. If breathing is difficult administer oxygen and call a physician.

Note to Physician: Consider the possibility that the individual has an allergic condition which could have been aggravated by exposure to Formaldehyde.

Section 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Chemical X Water Spray X CO₂ X

Special Fire Fighting Procedures: Use normal firefighting procedures, including positive pressure self-contained breathing apparatus and full firefighting protective clothing.

Unusual Fire & Explosion Hazards: This fabric product is combustible. Water, fog or spray will help to absorb escaping fumes. Decomposition by burning in open flame may yield Carbon Dioxide, Carbon Monoxide, various Aldehydes and Hydrocarbons, etc. Keep personnel away and upwind of fire and avoid contact with some and fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

If Material is Spilled: The product is a fabric material. No spill precautions are necessary.

Section 7: HANDLING & STORAGE

Handling: The product is a fabric material. No special precautions are necessary.
Storage: No special precautions are necessary. Where large quantities of material are stored, general ventilation should be adequate.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: For Formaldehyde
- Threshold Limit Value (TLV): 2 ppm (ceiling)
1 ppm TWA*
2 ppm STEL*
- OSHA Permissible Exposure Limit (PEL): 3 ppm TWA, 5 ppm (ceiling)

Engineering controls: Use adequate ventilation in work areas to keep Formaldehyde levels below regulated limits.

Work Practices: Minimize contact of human skin with fabric. Wash after exposure.

Personal Protective Equipment: None

Hygiene Practices: Wash exposed area of skin thoroughly with water at end of exposure.

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Specific Gravity: Not determined. **Solubility in Water:** Not applicable. **pH:** Not applicable.



**MATERIAL SAFETY DATA SHEET
DYED, PRINTED, COATED AND FINISHED TEXTILE FABRICS**

August 16, 2011

Page 3 of 3

Section 10: STABILITY & REACTIVITY

Stability: Material is stable.

Incompatibility: Not determined.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Various Aldehydes and Hydrocarbons

Hazardous Polymerization: Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Toxicity Data: No information available.

Positive Teratogen/Mutagen/Carcinogen (NTP): No. **Potential Carcinogen OSHA/IARC:** No.

Section 12: ECOLOGICAL INFORMATION

Toxic to: Fish Birds Wildlife Other: Not determined.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method(s): The textile fabric should not require disposal as a hazardous waste under the federal Resource Conservation and Recovery Act (RCRA). While no special waste considerations should apply, the user should consult with regulatory authorities in the appropriate jurisdiction to determine applicable Federal, State and Local disposal requirements.

Section 14: TRANSPORTATION INFORMATION *DOT Shipping Information*

DOT Transportation (49 CFR 172.101): The textile fabric is not regulated as a hazardous material.

Section 15: REGULATORY INFORMATION

SARA Information: SARA TITLE III SECTION 311/312 HAZARD CATEGORIES

Immediate (Acute) Health N **Sudden Release of Pressure** N

Delayed (Chronic) Health N **Reactivity** N **Fire** N

Section 16: OTHER INFORMATION

This material safety data sheet has been prepared by Top Value Fabrics in a good faith effort to characterize the potential physical hazards and health hazards of the product described herein. Top Value Fabrics offers no warranty with respect to the accuracy or completeness of the information provided.

Please contact Top Value Fabrics Office at the phone number provided below if you have questions regarding the information provided or require additional assistance.

Date of Preparation or Revision: February 2, 2013

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