

# MATERIAL SAFETY DATA SHEET

(This MSDS complies with 29 CFR 1910.1200)

Product Name:	<b>BC 4544 (Pine, Mahogany, Yellow)</b>	<b>BCC PRODUCTS, INC.</b>	<b>HMIS</b>
Product Class:	Polyester Mixture	2140 Earlywood Drive	<b>H - 2</b>
Issue Date:	06/01/2006	P.O. Box 327	<b>F - 2</b>
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		317-736-4090	

**APPLICABLE HSDS NUMBER: 060162-01** (GENERAL DYNAMICS LAND SYSTEMS DIVISION)

**24 HOUR EMERGENCY NO. 1-800-424-9300 CHEMTREC**

## SECTION 1 - HAZARDOUS INGREDIENTS

Chemical Name	Wt. % (optional)	OSHA (PEL)	ACGIH (TLV)	CAS NO.
Unsaturated Polyester Resin		<i>N.E.</i>	<i>N.E.</i>	34-540-93-7
Styrene Monomer		50 ppm	50 ppm	100-42-5
m-Tolyl-Diethanolamine		<i>N.E.</i>	<i>N.E.</i>	91-99-6
Toluhydroquinone		<i>N.E.</i>	<i>N.E.</i>	95-71-6

## SECTION 2 - PHYSICAL DATA

Boiling Point:	295 ° F	Specific Gravity (H <sub>2</sub> O=1):	0.96
Vapor Pressure (mm Hg):	4.3	Vapor Density (Air = 1):	3.4
Solubility in Water:	Insoluble	Reactivity in Water:	<i>N.A.</i>
Appearance and odor:	Paste, styrene odor.		

## SECTION 3 - FIRE AND EXPLOSION HAZARD

Flash Point:	105 ° F	Flammable Limit:	LEL:	1.1
Method Used	T.O.C.	(In Air % by volume)	UEL:	6.1
Auto Ignition Temperature:	<i>N.A.</i>			
Extinguishing Media:	Carbon Dioxide, dry chemical, chemical foam, water spray.			
Fire & Explosion Hazards:	Decomposition and combustion products may be toxic.			
Fire Fighting Procedures:	Fire fighters must wear self-contained breathing apparatus to protect against toxic and irritating vapors. Full protective clothing should also be worn.			

## SECTION 4 - REACTIVITY DATA

Stability: (Conditions to avoid):	Stable. Open flames, heat, high temperatures and contaminants.
Incompatibility:	Strong acids, peroxides, and other oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide from incomplete burning.
Hazardous Polymerization (Materials to avoid):	Will not occur.

## SECTION 5 - ENVIRONMENTAL AND DISPOSAL INFORMATION

- Spill: Remove spillage by absorbing in sand, vermiculite, sawdust, or absorbent sweeping compound. For small spills, rubbing alcohol may be used. Dike to prevent entry into water system.
- Disposal: Use approved incineration in accordance with federal, state and local environmental regulations. Materials must be disposed of in approved landfill.

## SECTION 6 - HEALTH AND FIRST AID INFORMATION

### Routes of Entry

### FIRST AID

- Inhalation: Remove victim to uncontaminated area, administer oxygen if necessary. Seek medical attention..
- Eyes: Flush with water for 15 minutes. Seek medical attention.
- Skin: Remove contaminated clothes and wash affected areas with soap and water. Seek medical attention.
- Ingestion: DO NOT Induce vomiting. Seek medical attention.

### EFFECTS OF OVER EXPOSURE

- Acute: Excessive exposure may result in anesthetic or narcotic effects. Upper respiratory irritation.
- Chronic: Repeated, excessive exposure may cause liver or kidney damage. Epidemiology data is inadequate in substantiating that styrene is a human carcinogen.

Existing Health Conditions: Persons with existing liver or kidney ailment.

Carcinogen: NTP (National Toxicology Program): No IARC (Monographs): POTENTIAL OSHA: POTENTIAL

## SECTION 7 - SPECIAL HANDLING & STORAGE PRECAUTIONS

Should be stored in a ventilated storage area between 65-85 ° F. Avoid excessive temperatures. Do not store in direct sunlight. Keep away from oxidizing agents and open flame. Shelf life: 6 months in original sealed containers from date of shipment.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

- Respiratory Protection: Use NIOSH approved respirator.
- Ventilation: Use local exhaust to maintain concentration below the PEL.
- Eye Protection: Fitted chemical goggles, or safety glasses.
- Personal Protection: Rubber gloves, boots and rubber apron to avoid skin contact. Contaminated clothing or equipment should be cleaned or disposed of, after use.
- Hygienic Practices: Educate and train employees on safe use of product. Shower and eye wash station should be available.

TSCA: This product or its components are listed in or exempt from the TSCA inventory requirements. This product contains the following substances subject to export notification under Section 12 (b) of TSCA: None

The information contained herein is, to the best of BCC Products, Inc. knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.