

Material Safety Data Sheet

(MSDS)

Product Number: # 900, 903, 930, 950, 960, 970, 980, & 990 Product Name: Big D Para Block		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
Section I – Product and Company Information			
Manufacturer Name: Big D Industries, Inc.		Emergency Telephone Number: (800) 535-5053 (800) 654-4752	
Address: 5620 S. W. 29th Street, Oklahoma City, OK 73179		Telephone Number for Information: (800) 654-4752 (405) 682-2541	
P. O. Box 82219		Date Prepared: 01/01/2010	
Oklahoma City, OK 73148		Signature of Preparer (optional)	
HMIS Ratings Health: 3 Flammability: 2 Reactivity: 0 Personal Protection: A			
Section II - Hazardous Ingredients/Identity Information			
Hazardous Components	CAS #	OSHA PEL	ACGIH TLV Other Limits % (optional)
Para Dichlorobenzene* [(1,4.Dichlorobenzene), PDCB]	CAS # 106-46-7	75 ppm (TWA)	10 ppm (TWA) 110 ppm (ACGIH-STEL) 99.0
* This product contains Para Dichlorobenzene which is defined as a toxic chemical and subject to the reporting requirements of ' 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. California Prop 65 listed chemical.			
Section III - Physical/Chemical Characteristics			
Boiling Point	345.2 °F	Specific Gravity (H ₂ O = 1) @ 55 °F / 4 °C	1.240 - 1.250
Vapor Pressure (mm Hg.) @ 25 °C	0.92	Melting Point	127.4 °F/53 °C
Vapor Density (AIR = 1)	5.1	Evaporation Rate	N/A
Solubility in Water: Insoluble			
Appearance and Odor: Pink block with cherry scent			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used): 150 °F (TCC)	Flammable Limits (% by Vol.)		LEL UEL 2.5 N/E
Extinguishing Media: Water spray, foam, dry chemical, alcohol foam, or carbon dioxide.			
Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH approved self contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.			
Unusual Fire and Explosion Hazards Highly toxic gases (Hydrogen Chloride, Chlorine, and traces of Phosgene) can be evolved in fires of this product.			

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Keep away from open flame and sparks.
	Stable	X	
Incompatibility (Materials to Avoid): Strong oxidizers, oxidizing agents, and aluminum and its alloys			
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, hydrogen chloride, and phosgene when heated to decomposition.			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation: Yes Skin/Eye: Yes Ingestion: Yes			
Health Hazards (Acute and Chronic): INHALATION: Dust and vapors can irritate the nose and the throat. May also cause headache, swelling around the eyes, and runny nose. INGESTION: Toxic and swallowing can produce adverse health effects paralleling inhalation. EYES: Causes irritation, redness, and pain. Chronic exposure may damage blood, lungs, liver, and kidneys. SKIN: Causes irritation with slight burning sensation. Red blotching of skin due to allergic reactions may occur. May be absorbed through the skin.			
Carcinogenicity: NTP: *see comment IARC Monographs: **see comment OSHA Regulated: No *PDCB has been listed by the NTP as a substance that is anticipated to be a carcinogenic. **IARC has been classified as possibly carcinogenic to humans under category 2B.			
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE			
Medical Conditions Generally Aggravated by Exposure: Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.			
Emergency and First Aid Procedures: INHALATION: Remove to fresh air. If not breathing, give artificial respiration and seek medical attention. INGESTION: Seek medical attention. SKIN: Wash skin with soap or mild detergent and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. EYE: Immediately flush eyes with plenty of water for at least 15 minutes, lifting the lower and upper eyelids. Seek medical attention.			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled: Ventilate area of leak or spill. Clean up spills in a manner that does not disperse dust into air. Scoop up spill for recovery and dispose in a closed container. United States Regulations (CERCLA) requires reporting spill and releases to soil, water, and air in excess of reportable quantities to the Coast Guard National Response Center at 1-800-424-8802.			
Waste Disposal Method: Material should be disposed of in an approved dump in accordance with local, state and federal regulations.			
Other precautions: Protect against physical damage. Separate from oxidizing agents and open flames.			
Section VIII - Control Measures			
Respiratory Protection (Specify Type): NIOSH approved			
Ventilation	Local Exhaust: Well Ventilated		Special N/A
	Mechanical (General)	N/A	Other N/A
Protective Gloves: Rubber or plastic		Eye Protection: Chemical safety goggles and/or full face shield	
Other Protective Clothing or Equipment: Impervious protective clothing including boots, gloves, lab coat, apron, or coveralls as appropriate.			
Work/Hygienic Practices: Wash hands thoroughly after handling. Avoid contact with skin, eyes, and clothing. Use with adequate ventilation.			