

Material Safety Data Sheet

May be used to comply with
OSHA'S Hazard Communication Standard
29 CFR 2910.1200. Standard must be
consulted for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health
(Non-Mandatory Form)
Form Approved

OMB No. 1218-0072

Identity (As Used on Label and List) Big D Para Block #900, 901, 902, 903, 904, 905, 950, 951, 952, 953, 954, 955, 960, 961, 962, 970, 971, 972, 980, 981, 982	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			
Manufacturer's Name Big D Industries, Inc.	Emergency Telephone Number (800) 535-5053	(800) 654-4752	
Address (number, Street, City, State, and ZIP Code) 5620 S. W. 29th Street (73179)	Telephone Number for Information	(800) 654-4752	(405) 682-2541
P. O. Box 82219	Date Prepared	01/01/1999	
Oklahoma City, OK 73148	Signature of Preparer (optional)		

Section II - HMIS Rating			
Health 2	Flammability 2	Reactivity 0	

Section III - Hazardous Ingredients/Identity Information				
Hazardous Components [Specific Chemical Identity: Common Name(s)]	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
			Recommended	
Para Dichlorobenzene* [(1,4.Dichlorobenzene), PDCB] CAS #106-46-7	75 ppm 8HR TWA	10 ppm	110 ppm (ACGIH-STEL)	99.65
DOT Hazard Class / ID No / Packaging Group 9/UN3077/III				
*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 IV - Physical/Chemical Characteristics			
Boiling Point	345.2 °F/174°C	Specific Gravity (H ₂ O = 1) @ 55 °F / 4 °C	1.245 - 1.250
Vapor Pressure (mm Hg.) @ 25 °C		Melting Point 0.92	127.4 °F/53 °C
Vapor Density (AIR = 1)		Evaporation Rate 1	

Solubility in Water: @ 25 °C, % by Wt. 0.008
Appearance and Odor: White block with penetrating "mothball" odor.

Section V - Fire and Explosion Hazard Data			
Flash Point (Method Used) 150 °F (TCC)	Flammable Limits % by Vol.	LEL 2.5	UEL N/E
Extinguishing Media Water spray, foam, CO ₂ , dry chemical, or any Class B extinguishing agent			
Special Fire Fighting Procedures Wear full protective clothing and NIOSH/MSHA approved self contained breathing apparatus where			
Unusual Fire and Explosion Hazards of Highly toxic gases (Hydrogen Chloride, Chlorine, and traces of Phosgene) can be evolved in fires of this product.			

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

Page 1

Section VI - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Keep away from open flame and sparks.
	Stable	X	
Incompatibility (Materials to Avoid): Strong oxidizers, oxidizing agents, hot aluminum or aluminum alloys			
Hazardous Decomposition or Byproducts: Carbon Monoxide, Carbon Dioxide, smoke, soot, Hydrogen Chloride and Phosgene			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	

Section VII - Health Hazard Data			
Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes (Unlikely)
Health Hazards (Acute and Chronic): Inhalation and ingestion of PSCE at concentrations well above per can cause depression of the nervous system. Vapor may cause irritation of skin and eyes and has been known to cause liver damage in rats and rabbits.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
PDCB has been listed by the NTP as a substance that is "reasonably anticipated to be" carcinogenic. IARC has been classified as "possibly carcinogenic to humans". It is also listed carcinogen under California Prop. 65.			
Signs and Symptoms of Exposure: Headache; dizziness; eyes, nose and throat irritation; nausea; feeling of drunkenness; cardiac sensitization if concentration above TLV.			
Medical Conditions Generally Aggravated by Exposure: Asthma or other respiratory disorders; blood, liver and kidney disorders			
Emergency and First Aid Procedures: Eyes - flush with plenty of water for at least 15 minutes; get medical attention. Skin - flush affected area with plenty of water for at least 15 minutes; if irritation develops, get medical attention. Inhalation - remove person to fresh air; give artificial respiration if breathing has stopped; get medical attention. Ingestion - do not induce vomiting; get medical attention.			

Section VIII - Precautions for Safe Handling and Use	
Steps to be Taken in Case Material is Released or Spilled: Scoop up and put in closed container.	
Waste Disposal Method: Material should be burned in an approved incinerator or disposed of in an approved dump in accordance with local, state and federal regulations.	
Other precautions: Store away from heat and open flame. Avoid excessive inhalation and contact with skin and eyes.	

Section IX - Control Measures			
Respiratory Protection (Specify Type):			
Ventilation	Local Exhaust Ventilated	Well	Special N/A
	Mechanical (General)	N/A	Other N/A
Protective Gloves: None	Eye Protection: Do not rub eyes with contaminated hands		
Other Protective Clothing or Equipment: Eye wash/shower facility nearby			
Work/Hygienic Practices: Good housekeeping practices. Avoid skin/eye contact. Wash thoroughly with soap and water after coming in contact with product.			