

Material Safety Data Sheet

December 2000

24 Hour Emergency Assistance Solvay (281) 479-0365 CHEMTREC 1-800-424-9300

SECTION 1 PRODUCT NAME						
1a.	Trade name			Fortiflex® Polyethylene		
1b.	This MSDS applies to the	product codes lis	sted	G36-24-150		
	in this section.	•				
1c.	Chemical Name/Synonym	าร		Polyethylene Plastics		
1d.	CAS number(s)			9002-88-4 25213-02-9		
SEC	TION 2		IN	GREDIENTS		
2a.	Polyethylene Homopolymers or Copolymers					
2b.	This product is non-hazardous under Hazard Communication Standard 29 CFR 1910.1200					
SECTION 3 HAZARD INFORMATION						
3a.	Effects of acute over expo	osure:		None determined		
3b.	Effects of chronic over exposure:			None determined		
3c.	OSHA permissible exposu	ure limit:		5 mg/m³ respirable dust		
				15 mg/m³ total dust		
3d.	Carcinogen potential:					
	National Toxicology Pr	ogram:		Not listed		
	I.A.R.C. Monograms:			Not listed		
	OSHA:			Not listed		
SECTION 4 EMERGENCY AND FIRST AID PROCEDURES						
4a.	Inhalation:			ed to present an inhalation hazard.		
4b.	Eyes:			fines from eyes with water for at least 15		
		minutes; get me				
4c.	Skin:			ed with molten polymer. Obtain medical		
		attention for the				
4d.						
SECTION 5 FIRE AND EXPLOSION DATA						
5a.	Flash point:		> 650°F (ASTM E 136)			
5b.	Upper explosive limit:		Not determined			
5c.	Lower explosive limit:		Not determined			
5d.	Auto ignition temperature:		> 650°F (estimated)			
5e.	Extinguishing media:		Dry chemical, water fog, foam, carbon dioxide			
5f.	Special fire & explosion hazards:		Dense smoke emitted when burned without sufficient			
				Possible dust explosion if fines accumulate.		
			Wear stan	dard fire fighting attire.		

SECTION 6 SPILLS AND DISPOSAL						
6a.	Land spill:	Spilled material should be swept up and discarded. Comply with applicable federal, state or local regulations.				
6b.	Water spill:	Advise local authorities if spilled in waterway or sewer. Skim from				
	surface of water if possible.					
6c.	Waste disposal: Dispose in accordance with local regulations.					
SECTION 7 STORAGE AND HANDLING						
7a.	Inspect handling system regularly for possible accumulation of fines. Fines can present an explosion hazard when exposed to heat, sparks and open flames.					
7b.						
	grounding procedures.					
SEC	SECTION 8 PROTECTIVE MEASURES					
8a.	Wear safety glasses, face shield or chemical goggles to avoid getting material in the eyes during bulk handling.					
8b.	Wear protective sleeves when processing material at elevated temperatures to minimize possibility of thermal burns.					
8c.	Adequate ventilation is re-	commended to minimize accumulation of fines or vapors during processing				
	and handling. An approved respirator may be needed in areas with a high accumulation of fines.					
SEC	TION 9	PHYSICAL DATA				
9a.	Appearance and Odor:	Odorless,colorless pellets				
9b.	Boiling Point:	Not applicable				
9c.	Solubility:	Insoluble in water				
9d.	Evaporation:	Not applicable				
9e.	Specific Gravity:	0.935-0.970 (g/cm ³ @ 23°C)				
9f.	Vapor Pressure:	Not applicable				
9g.	Melting Point:	230-275°F				
9h.	Vapor Density:	Not applicable				
9i.	Percent Volatile:	Negligible				
SECTION 10 REACTIVITY						
10a.	Stability:	This material is stable.				
10b.	Hazardous polymerization	n: Hazardous polymerization will not occur.				
10c.	Conditions to avoid:	Avoid temperatures over 650°F.				
		Avoid storage or contact with strong oxidizing agents.				
10d.	Combustion products:	The following combustion products may be generated:				
		carbon dioxide, carbon monoxide, water vapor, and trace				
		volatile organic compounds.				
SECTION 11 ADDITIONAL REGULATORY INFORMATIO						
This material is not regulated by D.O.T.						
This material is on the TSCA inventory.						
This material is not subject to specific CERCLA reporting requirements.						
This material is not subject to SARA 313 reporting requirements.						
		alifornia Safe Drinking Water and Toxic Enforcement Act (Proposition 65)				
repor	reporting.					

BP Solvay Polyethylene North America

3333 Richmond Avenue, Houston, Texas 77098-3099 Mailing: P.O. Box 27328, Houston, Texas 77227-7328
Telephone: 1.800.231.6313 Fax: 713.522.2435 Technical Service: 1.800.338.0489 Customer Order Service: 1.800.527.5419
www.bpsolvaype.com/na

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