



150 Monument Road,  
Bala Cynwyd, PA 19004  
800-343-1500 610-668-9090

# Material Safety Data Sheet

complies with:  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200

<b>IDENTITY</b> (As Used on Label and List)		<b>PUROLITE S-108</b>			
CAS #	<b>71799-50-3</b>				
<b>SECTION 1 Manufacturer's Name &amp; Contact Information</b>			<b>Purolite Hazard Rating</b>		<b>Scale</b>
The Purolite Company  150 Monument Road  Bala Cynwyd, PA 19004 , USA	Emergency Telephone Number :	Toxicity	1	4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant	
	610-668-9090	Fire	1		
	Telephone # for Information :	Reactivity	0		
	610-668-9090	Special	-		
Date Prepared	June 2006				
<b>SECTION II Ingredients/Identity Information</b>					
Components (Specific Chemical Identity: Common Name(s))		OSHA	PEL	ACGIH TLV	Other Limits
Polystyrene DVB Tertiary Amino Saccharide - 35 - 65%		N/A	N/A	N/A	N/A
Water -- 35 - 65 %					
<b>SECTION III Physical/Chemical Characteristics</b>					
Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	Approx 1.07	Solubility in Water	Negligible
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (Butyl Acetate =	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Appearance and Odor	Opaque spherical beads		
<b>SECTION IV Fire and Explosion Hazard Data</b>					
Flash Point (Method Used)	None	Flammable Limits auto/ign. 427°C / 800° F (estimated)	LEL	UEL	
		No flash point	N/A	N/A	
Extinguishing Media	CO <sub>2</sub> , Dry chemical, Water fog				
Special Fire Fighting Procedures	Wear MSHA /NIOSH approved, pressure demand, self contained breathing apparatus				
Unusual Fire and Explosion Hazards	None				
<b>SECTION V - Reactivity Data</b>					
Stability	Stable	Conditions to Avoid	Avoid temperatures over 220°C (424°F)		
Incompatibility (Materials to Avoid)	Avoid contact with concentrated nitric acid, or strong oxidizing agents.				
Hazardous Decomposition or Byproducts	CO, CO <sub>2</sub> , and oxides of nitrogen				
Hazardous Polymerization	Will not occur	Conditions to Avoid	N/A		

<b>SECTION - VI Health Hazard Data</b>							
Route(s) of Entry: N/A	Inhalation?	N/A	Skin?	N/A	Ingestion?	N/A	
Health Hazards (Acute and Chronic)	Eye Contact: Like other foreign bodies, particles may cause mechanical irritation of the eye						
Carcinogenicity: N/A	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A	
Signs and Symptoms of Exposure	N/A						
Medical Conditions Generally Aggravated By Exposure	Eye Contact: Like other foreign bodies, particles may cause mechanical irritation of the eye						
Emergency and First Aid Procedures	Eye contact: Flush with large amount of water for at least 15 minutes. Consult physician if irritation persists						
<b>SECTION VII - Precautions for Safe Handling and Use</b>							
Steps to be Taken in Case Material is Released or Spilled: Resin beads on floor may mechanically cause floor to be slippery. Use care to avoid falls. Sweep up and transfer to containers for recovery or disposal							
Waste Disposal Method	Dispose of in accordance with Federal, State and Local Regulations						
Precautions to be Taken in Handling and Storing:	Keep drums and plastic bags sealed to prevent drying or moisture loss.						
Other Precautions:	Store below 49° (120°F) and above 0°C (32°F)						
<b>SECTION VIII - Control Measures</b>							
Respiratory Protection (Specify Type)	None						
Ventilation	Local Exhaust	Normal room ventilation			Special	N/A	
	Mechanical (General)	N/A			Other	N/A	
Protective Glove:	Cloth gloves		Eye Protection:	Safety glasses (ANSI Z 87.1)			
Other Protective Clothing or Equipment	None						
Work/Hygienic Practices	Cleanliness is recommended.						
<b>SECTION IX – Regulatory Information</b>							
Workplace Classification: <a href="http://www.osha.gov/OshStd_toc/OSHA_Std_toc.html">http://www.osha.gov/OshStd_toc/OSHA_Std_toc.html</a>	Non-Hazardous under 29 CFR 1910.1200						
DOT Classification: <a href="http://www.dot.gov/">http://www.dot.gov/</a>	Non-Regulated under 49 CFR 172.101						
RCRA Hazardous Waste No: <a href="http://www.epa.gov/rcraonline/">http://www.epa.gov/rcraonline/</a>	Not Listed (40 CFR 261.33)						
CERCLA Hazardous Substance: <a href="http://www.epa.gov/superfund/whatissf/cercla.htm">http://www.epa.gov/superfund/whatissf/cercla.htm</a>	Not Listed (40 CFR 302.4)						
SARA Toxic Chemical: <a href="http://www.epa.gov/swercepp/rules/epcra.html">http://www.epa.gov/swercepp/rules/epcra.html</a>	Not Listed (40 CFR 372.65)						