



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

IDENTITY (As Used on Label and List)

PUROLITE A-830 W

CAS #

457070-04-1

SECTION I Manufacturer's Name & Contact Information

Purolite Hazard Rating

Scale

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 :	Nov2004			

SECTION II Ingredients/Identity Information

Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits
2-propenenitrile, polymer with diethenylbenzene, hydrolyzed, reaction products with diethylenetriamine -- 35 - 65% Water -- 65 - 35%	N/A	N/A	N/A

SECTION III Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	Approx 1.10	Solubility in Water	Negligible
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Appearance and Odor	Opaque spherical beads with slight amine odor		

SECTION IV Fire and Explosion Hazard Data

Flash Point (Method Used)	Not Applicable	Flammable Limits: Auto/Ign. 427°C / 800° F (estimated)	LEL	UEL
			N/A	N/A
Extinguishing Media	CO ₂ , Dry chemical, Water fog			
Special Fire Fighting Procedures	Wear MSHA /NIOSH approved, pressure demand, self contained breathing apparatus			
Unusual Fire and Explosion Hazards	Nitrogen Oxides			

SECTION V - Reactivity Data

Stability	Stable	Conditions to Avoid	Avoid temperatures over 220°C (428°F)
Incompatibility (Materials to Avoid)	Avoid contact with concentrated nitric acid, or strong oxidizing agents.		
Hazardous Thermal Decomposition or Byproducts	CO, CO ₂ , Acrylic, NH ₃ , NH ₂ , CH ₃ and related amines		
Hazardous Polymerization	Will not occur	Conditions to Avoid	N/A

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SECTION - VI Health Hazard Data

Route(s) of Entry:	Inhalation? :	No	Skin? :	Yes	Ingestion? :	No
Health Hazards (Acute and Chronic)	Eye Contact: Like other foreign bodies, particles may cause mechanical irritation of the eye					
Carcinogenicity:	NTP? :	Not Listed	IARC Monographs? :	Not Listed	OSHA Regulated? :	Not Listed
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					

SECTION VII - Precautions for Safe Handling and Use

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. Follow OSHA regulations 29 CFR 1910.120.

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°C (120°F) and above 0°C (32°F)

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)	None under normal conditions. Follow OSHA 1910.134 and ANSI Z88.2 guidelines if warranted by workplace conditions			
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	Facilities storing or using this material should be equipped with eyewash facilities			
Work/Hygienic Practices	Cleanliness is recommended.			

SECTION IX – Regulatory Information

Workplace Classification:	Non-Hazardous under 29 CFR 1910.1200
DOT Classification:	Non-Regulated under 49 CFR 172.101
RCRA Hazardous Waste No:	Not Listed (40 CFR 261.33)
CERCLA Hazardous Substance:	Not Listed (40 CFR 302.4)
SARA Toxic Chemical:	Not Listed (40 CFR 372.65)
SARA Extremely Hazardous Substance:	Not Listed (40 CFR 355)
OSHA Specifically Regulated Substance:	Not Listed (29 CFR 1910)
TSCA Status:	Not Openly Listed on the TSCA Inventory (Application Pending)

N/A – Not Applicable