



ProGuard 945

PG 945 is a specially activated carbon and alumina sphere, developed for removing hydrogen sulfide from gas streams and eliminating "sewage odors". PG 945 Air Purification Spheres are specifically engineered to instantly destroy pollutants on contact. They are chemically converted into non-volatile, non-toxic, inorganic by-products and stable salts that will not outgas. PG 945 shows superiority over other medias with longer periods between media change outs.

Chlorine, Sulfur Dioxide and Hydrogen Sulfide pollutants that pervade industrial and commercial atmospheres rapidly corrode electronics and equipment to the point of failure resulting in costly downtime, for repairs and replacements, with loss of production. Personnel safety is also endangered. PG 945 will solve these problems.

TYPICAL CHARACTERISTICS:

H2S capacity by weight %	20	
Particle Size:	3.5 x 8 mesh	U.S. Sieve Series
Moisture, %:	20	ASTM D-2867
Apparent Density, lbs/ft ³ (g/cc):	50(.8)	ASTM D-2854
Packaging:	50 lb box, 30 per skid; 2,000 lb bulk sacks	

Transportation Information

Activated carbon (NOT REGULATED)

Exempt from DOT, IATA, and IMDG regulations

Import/Export classification: 3802.10.0000 (HS Tariff Classification)

Domestic Freight Classification: NMFC 040560

Material Handling

Wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas should be followed. Appropriate protective equipment should be worn. Avoid inhalation of excess carbon dust. No problems are known to be associated in handling this material. This product contains silica. Please see the Product Material Safety Data Sheet for details. Long-term inhalation of high dust concentrations can lead to respiratory impairment. Use forced ventilation or dust mask when necessary for protection against airborne dust exposure (see Code of Federal Regulations- Title 29, Subpart Z, par. 1910.1000, Table Z-3).

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