

# Guardian Precoat™

Conditioning agent for filter bags

## Optimizes bag performance

Guardian Precoat is a dry, inert powder that protects filter bags and improves baghouse performance by increasing air flow and decreasing the size of particulate that escapes through bags.

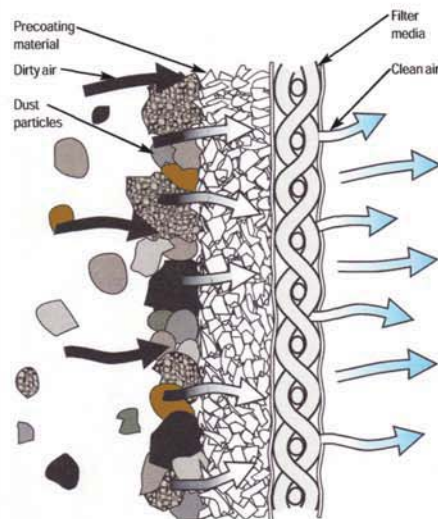
## Easy to use

To achieve maximum performance, use one pound of Guardian Precoat for every 20 ft<sup>2</sup> of filter cloth for a uniform 1/16" protective coating on the filter bags. This is roughly one 30 lb bag per 600 ft<sup>2</sup> of filter cloth for standard dust collector bags.

New bags can be precoat before their first use, or continually during operation.

## How does it work?

Made from carefully refined natural volcanic rock, Guardian Precoat forms a three-dimensional, porous dustcake on new filter bags that absorbs harmful moisture, oils, and hydrocarbons while it protects against blinding and plugging.



**30 lb bags are always in stock. Call today for a quote.**



**Guardian**  
PRECOAT

**THE CARY COMPANY**  
Est. 1896

PH 630-629-6600 - FX 630-629-3690  
1195 W. FULLERTON AVE. - ADDISON, IL 60101  
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## GUARDIAN PRECOAT (GPC-30) - Technical Data

**Guardian Precoat, GPC-30**, is a blend of fine, carefully classified perlite particles for use as a filter bag conditioning agent, as a pre-coat filtration media and as a basic carrier. Guardian Precoat is chemically inert, neutral pH and is non-flammable.

**Chemical Name:** Sodium Potassium Aluminum Silicate (Perlite)

**CAS#:** 93-763-70-3

**Average Particle Size:** 28 microns

### Sieve Analysis:

Screen Size	% wt Retained	Cummulative % wt Retained	Cummulative % wt Passing
8 mesh	0.0	0.0	100.0
8 x 14 mesh	0.0	0.0	100.0
14 x 28 mesh	0.7	0.7	99.3
28 x48 mesh	1.9	2.6	97.4
48 x 100 mesh	11.9	14.5	85.5
100 x 200 mesh	32.6	47.1	53.0
200 x 325 mesh	20.1	67.2	32.8
325 mesh x 0	32.8	10.0	0.0
	100		

**Guardian Precoat** is packed in plain 30-pound layered paper bags.

### SPECIFICATIONS:

Physical Form	Dry powder, white
Particle Shape	Multihedral plates
Colour	White
Refractive Index	1.5
Bulk Density	10 – 15 lb per cubic foot
Free Moisture (Max)	0.5%
Specific Gravity	2.2-2.4
Softening Point	2000° F (1093°C)



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