

PUMICE/Scrub 4-F

A 4-F Seive Grade Amorphous Silicon Pumice Scrub

Product Description

PUMICE/Scrub 4-F is a pumice scrub designed to promote micro-roughening of copper laminate. PUMICE/Scrub 4-F is formulated with 4F Grade, friable pumice, and contains antioxidant components to inhibit cupric oxide formation after the cleaning cycle. During use, fractured particles from friable pumice continue to present sharp cutting edges rather than rounding off, thereby assuring a long and consistent operating life. PUMICE/Scrub 4-F also exhibits a low concentration of free silica, and is therefore safer to work with than traditional pumice.

Performance Features

- PUMICE/Scrub 4-F produces a uniform micro-roughened copper surface.
- PUMICE/Scrub 4-F contains anti-oxidants to protect the cleaned copper.
- PUMICE/Scrub 4-F is formulated with friable 4F Grade pumice, assuring a continued source of sharp edges as the material fractures during use.
- PUMICE/Scrub 4-F contains a low concentration of free silica, promoting a safe working environment.

Physical Specifications

Physical State	Solid
Appearance	Gray-White Free Flowing Powder
Odor	None
Freeze/Thaw Stability	Stable
Specific Gravity	2.1 g/cm ³
pH (1% slurry)	5.5 - 7
Flash Point	Non-Flammable

Equipment Requirements

PUMICE/Scrub 4-F is chemically compatible with all types of plastic, elastomers, quartz, titanium, Teflon, steel and stainless steel alloys. Because PUMICE/Scrub 4-F is an abrasive cleaner, the wear resistance of mechanical parts such as pumps, and manifold plumbing including spray nozzles, should be verified with the equipment manufacturer.

Technical Data Sheet

Product Make-Up

PUMICE/Scrub 4-F may be used dry or mixed with water to form a slurry past of the desired consistency for application. For applications employing ISTM equipment, a slurry containing one pound of PUMICE/Scrub 4-F per gallon is recommended.

Operating Parameters

PUMICE/Scrub 4-F may be applied by hand brushing, mechanical brushing, or mechanized spray.

Control and Replenishment

Eventually, the particle size of the pumice will diminish, reducing it's effectiveness. Additionally, the anti-oxidant components will become depleted, and a noticeable increase in the tendency for copper oxidation may be observed. Individual users should document bath longevity initially to determine the optimum dump frequency of static baths.

Safety and Handling

Read and understand this product's MSDS before handling.

Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations. Contact Seacole for specific details and/or further waste treatment recommendations.

Ordering Information

PUMICE/Scrub 4-F is available in 22# pails and 325# drums.

13505 Industrial Park Blvd. Plymouth, MN 55441