

AmberGuard™ LS1

Slurry Stabilizer & Silica Inhibitor

Description

AmberGuard LS1 is a specifically formulated slurry stabilizer designed to provide a neutral (pH 7.0) environment in low-ionic or non-ionic, aqueous glass lapping slurries. AmberGuard LS1 is formulated to improve abrasive settling and flow characteristics. It is specifically designed for use with silicon carbide, diamond and boron carbide abrasives. This unique additive also provides protection against the precipitation and agglomeration of silica during glass and ceramic lapping and polishing.

Features and Benefits

- Provides optimum environment for low-ionic or non-ionic aqueous lapping slurries
- Excellent protection against silica precipitation and agglomeration
- Will not foam or leave films or residues
- Enhances slurry settling and flow characteristics
- Biodegradable and poses no environmental or health risks

Typical Physical Properties

Appearance	hazy, colorless liquid
Specific gravity @20°C	1.18
LBS/gallon	9.83
pH (concentrate)	7.20
Conductivity (2% solution)	3.5mS
Flash point	None

Recommended Process Parameters

AmberGuard LS1 should be used at a concentration of 1.0% - 3.0% in the ready to use water based slurries. It can also be used in slurry concentrates.

Availability

55 gallon drums, 5 gallon pails, 1 gallon containers



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ISO 9001-2000 Certified

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