



Mid-Mountain Materials

THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

THERMOSEAL® RIGIDIZERS

2500°F • 1370°C

THERMOSEAL® RIGIDIZERS are low viscosity liquids which, when applied to the surface of ceramic materials and other permeable products, impart surface hardness and improve resistance to erosion.

AVERAGE PHYSICAL PROPERTIES

	RIGIDIZER S	RIGIDIZER A
Color	Clear to bluish white	White opalescent
Use Limit, °F • °C	2300 • 1260	2500 • 1370
Solids Content, %	30	20
Weight per gallon, lbs	10.5	10
pH	10.5	4.0
Specific Gravity	1.22	1.19

APPLICATION

THERMOSEAL® RIGIDIZERS are applied by brush, roller, spray or by dipping. Multiple applications, with drying between each application, will increase surface hardness. THERMOSEAL® RIGIDIZERS are relatively non-toxic, however, excessive or prolonged inhalation of mists or dust resulting from their application should be avoided. These compounds should not be allowed to freeze repeatedly.

DRYING

THERMOSEAL® RIGIDIZERS may be air dried or force-dried by heating with flame or in an oven. A slow bake-out at approximately 200°F • 95°C is most desirable for Rigidizer S and 300-400°F • 150-205°C for Rigidizer A.

PACKAGING

THERMOSEAL® RIGIDIZERS are available in one gallon and five gallon buckets.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.