



Refractory Adhesive Type SS

General Information

ZIRCAR Ceramics' Refractory Adhesive Type SS is a combination of soda (Na_2O) and silica (SiO_2) in a filtered water-based solution. Also known as Sodium Silicate or Water-Glass, Type SS is a hard adhesive with useful properties up to 1000°C (1832°F). SS can be applied to a wide variety of refractory bodies with a brush or roller. After it is air-dried SS exhibits a tenacious bite with high levels of adhesion.



Characteristics & Properties

Composition, %	
Na_2O	8.9
SiO_2	28.7
Balance	Water
Color	Clear
Density, g/cc (lb/gal)	1.38 (11.6)
Viscosity, cps	180
pH	11.3

The data presented herein is intended to help the user to determine the appropriateness of this material for their application. This data is a nominal representation of this product's properties and characteristics and therefore should not be used in preparing specifications.

Suggested Applications

Adhesive for bonding ceramic fiber paper and other thermal insulation products together.
 Binder for the manufacture of ceramic laminate structures.
 Sealer for reducing surface porosity on low-density structures.

Availability of Standard Adhesive

ITEM #	DESCRIPTION
D42-01	SS, 1 Pt
D42-02	SS, 1 Qt
D42-03	SS, 1 Gal

To Order

Standard items: SS is packaged upon receipt of an order. Shipment is usually made within a few days. Please contact ZIRCAR Ceramics, Inc.'s customer service department at Tel: +1 845 651 6600 ext. 10 or via e-mail at sales@zircarceramics.com.

Custom preparations such as 5-gallon totes are also available upon request.

ZIRCAR Ceramics, Inc.

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Technical Data Bulletin
 Refractory Adhesive Type SS
www.zircarceramics.com
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