

# ROCKHARD SCP ULTRA LITE WEIGHT GROUT



ROCKHARD SCP ULTRA LITE WEIGHT  
GROUT PRODUCT DATA SHEET

## **RockHardscp® Ultra Lite Weight Grout Product Data Sheet**

**RockHardscp Ultra Lite Weight Grout** is a two component, high strength, 100% solids, thermosetting poly-matrix-oligomeric, vinyl ester compound used in the construction of precast manholes risers, grade-rings, wetwells, lift stations in sanitary sewer applications: floors, sumps, trenches, tanks, vessels and bleach towers in chemical processing and food & beverage plants; laboratories and pulp & paper plants.

**RockHardscp Ultra Lite Weight Grout** has excellent chemical resistance to mineral & organic acids, oxidizing bleach solutions and some organic solvents. **RockHardscp Ultra Lite Weight Grout** exhibits high physical properties and negligible shrinkage.

**RockHardscp Ultra Lite Weight Grout** carries the **U.S. Green Building Council LEED's** certification.

**RockHardscp Ultra Lite Weight Grout** displays the following outstanding features & benefits:

- High strength
- High impact resistance
- Superior resistance to a wide range of chemicals & oils
- Excellent trowel ability
- Fast setting & fast curing
- Good UV stability
- Pre-packaged mortar unit/kit
- Strong bond to polymer concrete, metals, Portland cement concrete, and fiberglass composites
- Low absorption and shrinkage

**RockHardscp Ultra Lite Weight Grout** can be used for mortaring and/or grouting applications which include:

- Manhole risers and other precast components

- Grade-rings
- Brick & tile
- Precast polymer concrete structures
- Precast concrete structures

**RockHardscp Ultra Lite Weight Grout** contains no Hazardous Air Pollutants (HAP), Volatile Organic Compounds (VOC), or Styrene. There are no reactive diluents which could interfere with the curing mechanism or which could cause material loss during or after cure.

**RockHardscp Ultra Lite Weight Grout** may be hand- mixed using a paint paddle. It is crucial to thoroughly mix catalyst (part B) into resin/filler (part A). **RockHardscp Ultra Lite Weight Grout** can also be mixed by using a portable electric drill and paddle. **Do not whip air into mix.**

### **Curing:**

For ambient temperatures between 55°F and 70°F (13°C and 21°C) completely thoroughly blend all packaged components during the mixing process.

Maximum cure times represent the amount of time required to produce ultimate compressive strength. Additional curing and higher strengths will be achieved over time.

**PLEASE NOTE: RockHardscp Ultra Lite Weight Grout** cure rates and trowel-ability is reduced at low temperature (below 55°F). All packaged components (resin/filler and catalyst) must be stored in ambient conditions, between 55°F and 70°F, for at least 24 hours prior to use. It is ideal to keep **RockHardscp Ultra Lite Weight Grout** materials in a dry and well-protected area until the job site is fully prepared for mixing and placement. Do not store materials in direct sunlight.



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### RockHardscp Ultra Lite Weight Grout TYPICAL PHYSICAL PROPERTIES

Compressive Strength:	6,000 psi
Flamespread Rating:	Class A (I)
Linear Shrinkage:	Not measurable
Pot Life:	30 minutes
Density:	50 lbs./cu.ft.
Shelf Life:	6 months (unopened)

### RockHardscp Ultra Lite Weight Grout Packaging: (Unit Sizes: .75 Gals & 4 Gals.)

#### .75 Gallon Unit Consists of:

Resin/Filler (Part A):	(1) / 5.75 lb. Pail
Catalyst (Part B):	(1) / .85 Fluid Ounces/Bottles

#### 4 Gallon Unit Consists of:

Resin/Filler (Part A):	(1) / 26.4 lb. Pail
Catalyst (Part B):	(2) / 2.26 Fluid Ounces/Bottles

#### Coverages:

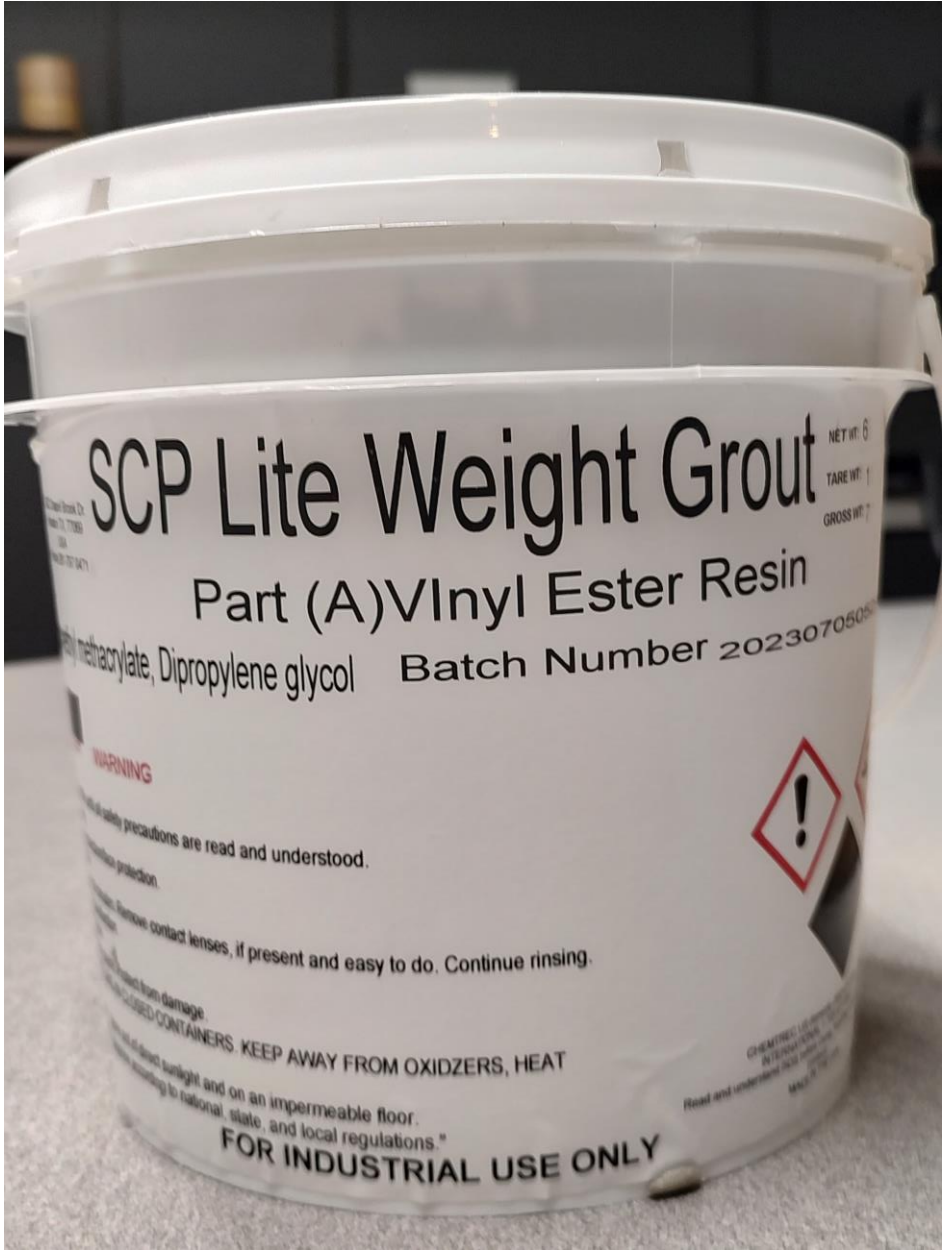
.75 Gallon Unit:	1" Thickness:	1.2 Square Feet/Unit
	½" Thickness:	2.4 Square Feet/Unit
4 Gallon Unit:	1" Thickness:	6.34 Square Feet/Unit
	½" Thickness:	12.48 Square Feet/Unit

*Before using read and follow the SDS guidelines precautions and first aid directions carefully.*

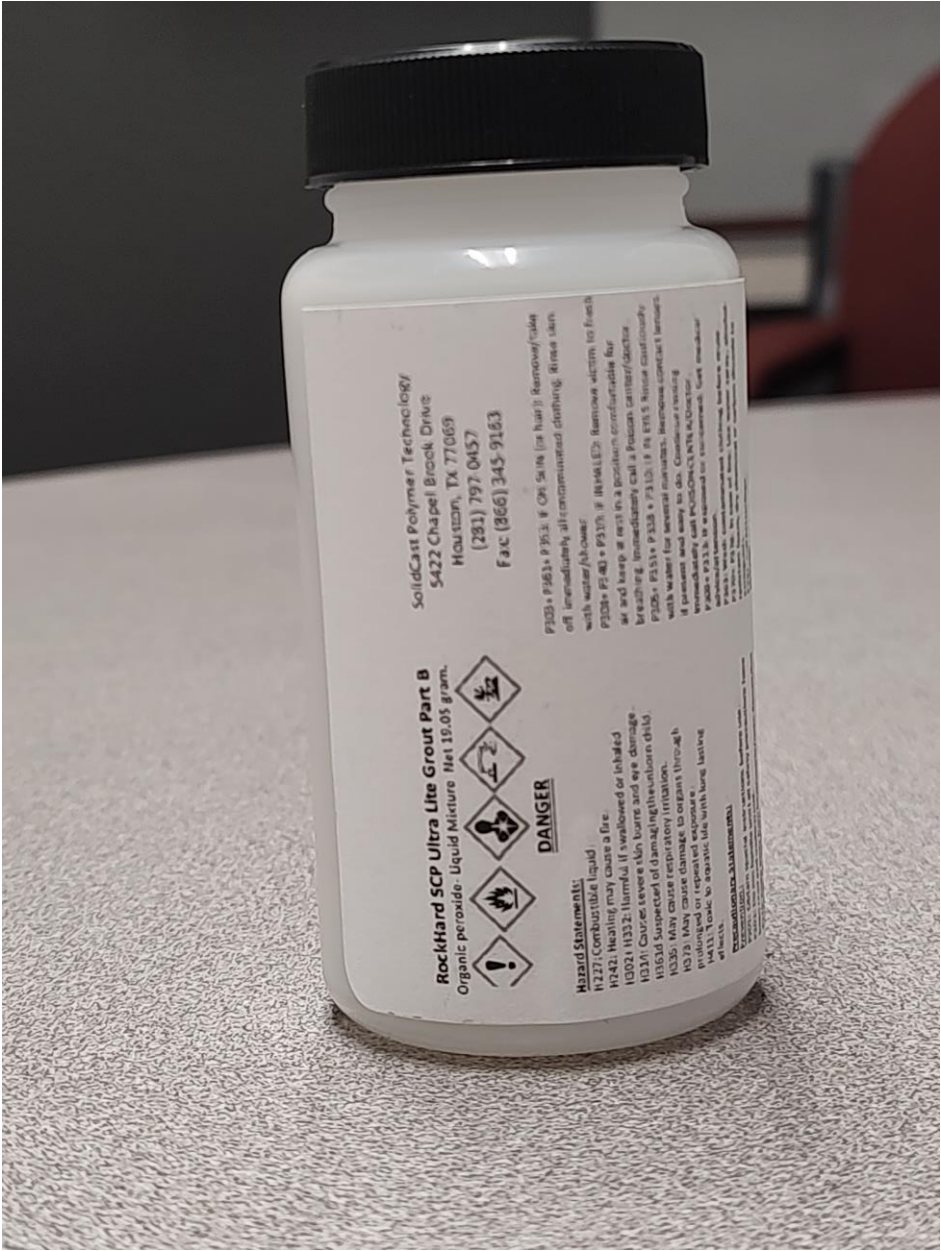
*Use this reference as a guide only. The information is believed to be reliable, but no guarantee is made nor do we assume liability in connection with its use.*

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# ROCKHARD SCP ULTRA LITE WEIGHT GROUT PART A



# ROCKHARD SCP ULTRA LITE WEIGHT GROUT PART B



# ROCKHARD SCP ULTRA LITE WEIGHT GROUT APPLICATION PROCEDURES



## SCP Ultra Lite Weight Grout Mixing and Placement Procedures (.75 Gallon Unit)

**Temperature of Application Area:** Store SolidCast Polymer packaged materials at an ambient temperature of 50°-85°F prior to installation.

Mixing and application in direct sunlight and/or temperature in excess of 90°F may result in premature curing of materials. See note in “Mixing”.

**Surface Preparation:** Concrete surface shall be structurally sound and dry prior to applying SCP Ultra Lite Grout. Be sure substrate is clean and free of any dirt, grease, oils, or other materials that would inhibit the bonding of SCP Ultra Lite Grout to substrate. Hydro blast or mechanically remove any deteriorated concrete and/or debris from application area.

**Mixing:** Mix only complete units. Mix SCP Ultra Lite Weight Grout by pouring the complete contents of catalyst (bottle) (Part B) into the SCP Ultra Lite Weight Grout pail (Part A).

Note: If premature curing should occur reduce amount of catalyst (Part B) to approximately 2/3 thirds (0.50 fl.oz.)

Mix grout putty (Part A) and catalyst (Part B) by using a Jiffy Mixer or similar mixing paddle. Mix Part A & Part B thoroughly at a low RPM, as not to whip air into the mix.

The mixed materials will typically have a working time of between 20-30 minutes at 75°F ambient temperature.

**Application:** Empty entire pail of mixed SCP Ultra Lite Grout onto clean, dry and structurally sound concrete substrate.

Apply by spreading and/or screeding mix material by trowel, putty knife or roller onto concrete substrate at a minimum thickness of 1”. Use a “tight-knap”, small diameter roller to smooth out surface of grout. Dampen roller with some mineral spirits to smooth surface. Do not saturate the roller or trowel with mineral spirits, as it will inhibit the curing of the material. Please note thickness applications will result in shorter working and cure times.





## **SCP Ultra Lite Weight Grout Mixing and Placement Procedures (.75 Gallon Unit)**

**Curing:** SCP Ultra Lite Grout has a typical working time of 25-30 minutes, and will cure hard in approximately 45-60 minutes at an ambient temperature of 75°-85°F.