

Technical Datasheet

PR13 SPSF



Sodium persulfate / initiator

Description

PR13 SPSF is a catalyst to be used with AR 800 from Prime Resins. It is a white crystalline solid and used as a polymerization initiator. Sodium persulfate is a powder that is a required grout component and can be increased from 5 lbs. (1% by total mix weight of 500 lbs., 60 oz. by volume) to a maximum of 15 lbs. (3% by total mix weight of 500 lbs., 180 oz. by volume). PR13 SPSF decomposes over time as it is a strong oxidizing material.

Packaging

Product packaged by weight based on specific gravity

- Bag = 55 lbs. (net weight)

Storage

Store in temperatures between 45° and 95°F (7 and 35°C) in a dry place. Keep lid closed. Higher temperatures can cause dangerous product decomposition.

Warranty and Disclaimer

Prime Resins, Inc. warrants its products to be free from manufacturing defects and that products meet the published characteristics when tested in accordance with ASTM and Prime Resins standards. No other warranties by Prime Resins, Inc. are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins, Inc. will not be liable for damages of any sort resulting from any claimed breach of warranty. Prime Resins' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the "shelf life" or "expiration date" printed on the package label.

Safety

Use OSHA-approved personal protective equipment (PPE), including full face shield, respirator, chemical resistant clothing, safety glasses, gloves and confined space equipment/procedures if applicable. Avoid skin contact; do not ingest. See SDS for complete safety precautions. For professional use only.

Properties

Appearance:	White crystals
Viscosity:	1-2 cP @ 72°F (22°C) in solution
pH:	4—6 (1% solution)
Boiling Point:	Decomposes > 212°F (100°C)
Melting Point:	Decomposes > 212°F (100°C)
Flash Point:	Non-flammable
Specific Gravity (water=1):	2.6
Solubility:	80g/ 100ml

Mix Procedure for AR 800 additives (including PR13 SPSF—see mixing instructions)

PR13 SPSF is added to the AR 800 and water respectively for the purpose of controlling the set time of the gel. This level should be kept between 1% and 4% of each tank's liquid volume depending upon the set time desired. The set time is influenced by a number of factors including PR13 SPSF concentration, water dilution level and temperatures. Please see AR 800 TDS for a chart providing expected set times for additional levels at various water dilutions and temperatures.

Shipping

- Shipping Class 65
- Hazard Classification 5.1
- Motor freight and air freight available