



HIGH TECK TECHNICAL DATA SHEETS

NR/SC QUICKSAND URETHANE PRIMER

HIT.77551-1(4) GRAY
HIT.77553-1(4) BUFF

Product Description: High Teck™ NR/ Quicksand Urethane Primer is a fast drying, high build primer with excellent color holdout. Also offers superior adhesion, easy sanding, and can be topcoated with any paint system.



Surface Preparation:

- ✓ Clean all areas to be primed with compliant wax and grease remove to remove all contaminants
 - ✓ Featheredge and sand the original finish
 - ✓ Surface must be clean and dry
- Bare metal should be coated with an etching primer prior to applying

Mixing Directions:

Mix the components in the order and ratio below. Stir thoroughly after adding each item.

- ✓ Extra High Build Primer Surfacer:
Mix: 4 parts #77551/ 77553 Primer & 1 part #77557 Activator
- ✓ High Build Primer Surfacer:
Mix: 4 parts #77551/77553 Primer & 1 part #77557 Activator & 1 part NR/SC Urethane Reducer

Clean Up:

- ✓ Clean spray equipment immediately after use with virgin wash thinner or Urethane grade reducer. Do not leave material in spray gun

Pot Life:

- ✓ Pot life of activated primer is approximately 3 hours. Some mixing bases may shorten the pot life. Test your system before proceeding.

Compatible Basecoats

- ✓ BASF, Dupont, ICI, PPG, Sherwin Williams, Sikkens, Spies Hecker, and Valspar

Gun Setups

- ✓ 1.5mm-2.2mm for conventional and HVLP guns
- ✓ 35-45 psi at the gun for Conventional Gun
- ✓ 28-35 psi at the gun for HVLP gun

Application and Dry Time Directions

Apply 2 full wet coats at 40-50 psi to achieve 3 mils of film that can be sanded and topcoated in 3 hours. Sanding and cure time may be longer depending on thickness of application, tints used and/or temperature. Let each coat flash 5-10 minutes. Better appearance and holdout will be achieved by letting dry overnight prior to sanding and topcoating. It can also be force-dried for 30 minutes at 140°F (60° C) after allowing the final coat to flash 20 minutes. Films in excess of 3 mils should not be force-dried. #77551/77553 should always be sanded before topcoating.

77551:

Coating VOC: 410.16 g/l / 3.42 lb/gl
Material VOC: 384.24 g/l / 3.21 lb/gl
Solids: 71.39% by wt; 48.03% by vol
Density: 12.65
Specific Gravity: 1.52

77553:

Coating VOC: 412.50 g/l / 3.44 lb/gl
Material VOC: 387.57 g/l / 3.23 lb/gl
Solids: 70.89% by wt; 47.99% by vol
Density: 12.47
Specific Gravity: 1.49

First Aid:

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention. For skin: Wash thoroughly with water. If difficulty in breathing is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately. See Safety Data Sheet.

Safety Information - For Industrial Use Only

Danger: Vapor harmful. May affect the brain or nervous system causing dizziness, headache, or nausea. May cause eye, skin, nose, and throat irritation. Harmful if swallowed. Precautions: Vapors may ignite explosively. Keep away from heat, sparks, and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn of stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent buildup of vapors by opening all windows and doors to achieve cross-ventilation. Use only with adequate ventilation. Do not breathe the vapor or spray mist. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wear solvent resistant gloves. The material is designed for application only by professionally trained

personnel using proper equipment under controlled conditions, and is not intended for sale to the general public. **KEEP OUT OF REACH OF**

CHILDREN