



55C-A003 2K CLEAR RUBBERY SOFT TOUCH URETHANE

CHARACTERISTICS

Product Description: This product is a two-component clear polyurethane with excellent soft feel and chemical resistant properties. It is strongly recommended for consumer electronics and interior applications.

Viscosity: 40 ± 5 sec. Zahn #2 @ 77°F (not reduced)
30 ± 5 sec. Zahn #2 @ 77°F (reduced 10%)

Weight Solids: 33.5 ± 2% (uncatalyzed)
36.6 ± 2% (catalyzed)

Volume Solids: 31.5 ± 2% (uncatalyzed)
34.2 ± 2% (catalyzed)

Weight/Gallon: 8.74 ± .20 lbs. (uncatalyzed)

Theo. Mileage: 548 sq. ft./gal. @ 1.0 mils (catalyzed)

VOC/Gallon: 1.20 lbs. (catalyzed/ non-reduced)

Gloss @ 60°: 0-10 @ 1.5 mils

Composition: Contains no lead or hazardous pigments.

Adhesion: Excellent (over various plastic substrates)

Storage: Keep from Freezing

Flash Point: >200 Degrees F.

APPLICATION

Substrate: Precoated substrate and several types of plastics.

Surface Treatment: Wipe free of oil, dust, and mold release solutions.

Catalyzation: 12 parts 55C-A003 by weight with 1 parts 95C-C006 activator by weight. Catalyzed 12 parts 55C-A003 by volume with 1 part 95C-C006 Uthane Activator.

Reduction: No reduction (VOC compliant). Reduce 10% by weight with water for lower viscosity requirements due to equipment.

Workable Pot Life: 2-3 hours catalyzed

Equipment: Conventional or automatic spray using a two-component proportioning pump.

All polyurethane systems, whether single or multi-component, are sensitive to moisture and will gel or begin to cure if permitted to come into contact with humid air or water. This includes the exposure of the coating in open containers or contact with moisture in fluid and air lines. Air compressors should be equipped with moisture traps, driers, and filters to ensure that the coating does not "see" moist air. In this way, damage to equipment can be avoided.

Cure: Force dry: 20-minute flash, then 30 minutes @ 175°F. depending on air movement

Dry Film Thickness: 1.5-2.0 mils

Wash Thinner: Water for wet product, isopropyl alcohol or other solvent for dried material.

Clean Up: After shutdown or before a long delay, **PROMPT CLEAN UP OF ALL EQUIPMENT IS ESSENTIAL, IF EQUIPMENT DAMAGE IS TO BE AVOIDED.** This applies to pots, lines, hoses and guns. Use wash thinners recommended above.

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PRECAUTIONS

Safe Handling: When this product has been combined with our urethane curing agent, aliphatic and/or aromatic polyisocyanates then are present, which give off harmful vapors of isocyanates (hazardous materials) when sprayed. Do not use if you have chronic (long-term) lung or breathing problems, or if you have ever had a reaction to isocyanates. Use only with adequate ventilation. Where overspray is present, a positive-pressure, air-supplied respirator (TC-19C NIOSH/MESA) is recommended. If not available, use a vapor/particulate respirator that respirator supplier recommends as effective for isocyanate vapors and mists, such as a NIOSH TC-23C type.

Refer to our Data Sheet "Safety in the Handling and Use of Uthanes," and to the Material Safety Data Sheet, available upon request.

First Aid: If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists or occurs later, consult a physician and have label information available. In case of eye contact, flush immediately with plenty of water for 15 minutes; call a physician. In case of skin contact, wash thoroughly with soap and water.

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