

## B-41 ReSolve

### AROMATIC SOLVENT THINNER & CLEANER

**PRODUCT DESCRIPTION:** Specco B-41 ReSolve Thinner is a low-aromatic hydrocarbon composition that may be used to lower the viscosity of epoxies, paints and sealers. B-41 ReSolve can also be used to clean rollers, mixing, or sprayers and related equipment after use. B-41 ReSolve is commonly used as a “solvent wash” remedy on high solids acrylic cure and seal film forming products that have exhibited significant degrees of blushing or water whitening from moisture trapped within the film. B-41 ReSolve may also be used to help remove stubborn stains or deposits like grease, oil and related hydrocarbons from concrete if traditional degreasers or cleaners do not perform adequately.

**COMPOSITION:** Commonly referred to as Aromatic 100 solvent, which is a blend of various hydrocarbon solvents including; Light Aromatic Solvent Naphtha, Trimethylbenzene, Xylene, Cumene, and Ethyl Benzene

<b>PHYSICAL DATA at 70°F (21°C):</b>	<b>APPROXIMATE VALUES:</b>
Composition:	Clear, water white liquid
Odor:	Aromatic hydrocarbon odor
Weight per gallon:	7.28 lb./gallon
Specific Gravity:	0.872
Flash Point (Tag Closed Cup):	110 degrees F
% Volatile by volume:	100%
CAS# (main component):	64742-95-6 -Naphtha solvent
KB Value:	91

**APPLICATION AND USES-AS A SOLVENT WASH:** High solids acrylic sealers can sometimes blush or turn cloudy in appearance due to high substrate moisture at the time the sealer was applied, or immediately after installation. Often, the sealer is applied when the surface of the substrate appears to be dry and little or no consideration is given to the amount of water that is absorbed during the cleaning process. In normal temperatures, the surface of the freshly applied sealer, being exposed to the air, will be “tack free” or dry to touch in approximately 1 hour. However, the resin below the surface requires a longer time to cure, and will gain film strength for up to 7 days before the final properties are approached. This is referred to as “through cure” and during this time the uncured resin is susceptible to moisture attack. The absorbed water dissipates to the surface of the substrate, comes in contact with the uncured resin and blushing occurs. Very seldom is this problem constant throughout the surface, and mostly occurs in specific areas. This is due to differences in moisture evaporation and sun exposure. Whitening can also occur from entrapped acid residue from an acid etch type preparation without proper water dilution or from applications where the temperature has dropped below freezing which may effect proper film formation.

Solvent washing can be used on the contaminated surfaces as mentioned above to re-dissolve the acrylic film and allow the entrapped moisture to release out. When the film re-cures, the white haze that was exhibited from the moisture will be removed and the sealer may or may not cure to its initial gloss depending on the amount of resin on the surface initially, the porosity of the substrate, and whether any agitation or scrubbing was involved.

**DIRECTIONS:** B-41 ReSolve can be used in two separate ways on existing films, either in a solvent wash “re-cure” application where the sealer is still desired, or in a solvent wash “stripping” capacity, where the sealer is to be removed completely. If the initial sealer is chosen to be allowed to re-cure, apply the B-41 ReSolve by sprayer or roller at approx. 300 sq. ft/ gallon, and do not disturb the surface after initial application unless there is severe mottling or film irregularity, in which cases agitation with a stiff, acid brush is recommended to re-work the sealer and help re-dissolve the resin and allow it to disperse less noticeably. Apply the B-41 ReSolve in small areas, typically no larger than 10 x 10 at a time. The solvent will only be useful for 20-30 minutes before it

**DIRECTIONS (Continued):** will evaporate. Allow the B-41 ReSolve to penetrate the film for about 5 minutes. The B-41 ReSolve will work its way into the initial film surface and dissolve the film on its own solvency power. If complete removal is chosen or preferred, apply the B-41 ReSolve generously by sprayer or roller at approx. 100 sq. ft/gallon, again, allowing the solvent to soak in for approximately 5 minutes for “re-activation” of the film. Then, using an acid brush (stiff bristles); agitate the treated area in a circular motion. The use of a pressure washer with hot water capability and set at no higher than 2000 P.S.I is highly recommended along with the acid brush agitation, to achieve easier and complete removal of the film. As the solvent weakens the film resin, the pressure washer will lift the residual gum off the surface. This method is time consuming and labor intensive, however, the sealer can be eventually be removed completely. The process may have to be repeated depending on the substrate porosity. Make sure to mask or cover all foliage or vegetation surrounding the repair area to avoid exposure to the solvent and the resulting pressure washing effluent.

**CAUTIONS:** Specco B-41 ReSolve Thinner is a combustible liquid. Keep away from heat, sparks and open flames. Empty containers may contain explosive vapors that are heavier than air. Keep containers closed. Do not cut or weld on or near empty containers. Under all circumstances, avoid the introduction of compressed air into the container. Do not use B-41 ReSolve for thinning lacquer or where a fast drying material is required.

**WARNINGS:** Avoid contact with skin and eyes Avoid breathing vapors. Wear protective clothing and safety glasses during application. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. Use with adequate ventilation. Make sure that the application is static free. Keep B-41 ReSolve away from sparks, open flame, and sources of ignition. Store away from heat. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Protect all grass, foliage and related landscaping from contact with B-41 ReSolve. Keep all traffic off any treated surfaces until dry. Use with OSHA/NIOSH approved eye protection and air (vapor) respirator. Keep away from food and drink. Do not take internally. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. For medical emergencies only, call Chemtrec at 1-800-424-9300.

**H.M.I.S. CODES:** HEALTH = 2, FLAMMABILITY = 2, REACTIVITY = 0, P.PROTECTION. = G

**SHIPPING NAMES:** Combustible Liquid N.O.S., (Light Aromatic Naphtha, 1, 2, 4-Trimethylbenzene) NA 1993, Packing Group III. Note- Not regulated by D.O.T. in containers < 119 gallons. For combustible liquid exemption refer to CFR 49, 173.150, par. H

**SHIPPING CLASS:** ITEM 155250, SUB 2, LTL 65 - Thinning Solvent

**STORAGE:** Ideal storage is between 60° to 80° F.

**SHELF LIFE:** 2 years stored properly. Depending on storage conditions, the shelf life may be extended.

**PACKAGING:** 1, 5 and 55 gallon containers

**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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