

SILCOTE-AP

FINISHING & RE-FURBISHING DURABLE TOPCOAT

A **LIQUIGUARD**® Product
Protection Without Pollution



PREPARATION, APPLICATION & CLEANUP

SURFACE PREPARATION: **SILCOTE-AP** can be applied to all common flooring and wall surfaces including natural and composite stone, plastic, natural and composite wood, metal, glass, ceramic and concrete. The preparation requirement is fairly modest. Make sure that the target surface is free of oil and greasy contaminants and is free of dirt and debris. There is no requirement for primers and bonding agents.

SILCOTE-AP PREPARATION: **SILCOTE-AP** is a 2-part coating supplied as Part-A and Part-B. Part-A is the resin and Part-B is the catalyst that enables the curing and hardening of the resin to develop the ultimate physical properties. The mixing ratio is 8:1 and should be strictly maintained in order to ensure optimal functionality. Eight parts of Part-A should be poured into a plastic or metal container just prior to application. Add one part of Part-B to the Part-A in the container and gently stir the mix till a clear slightly straw colored liquid is obtained. This ensures that the two parts have thoroughly homogenized. Each gallon of **SILCOTE-AP** will provide a single coat coverage over approximately 750 to 1000 square feet, at approximately 1.5 mil DFT (0.37 mm dry film thickness) depending on the nature of the substrate and method of application. The 'wet edge' or working time of **SILCOTE-AP** is approximately 2 hours making it very spray process friendly. It is important to mix only enough material that can be comfortably and properly coated during this time window.

APPLICATION: **SILCOTE-AP** can be applied by brush, roller or HVLP sprayer after preparing surface as recommended above. All basic precautions associated with solvent based paints and painting should be followed including proper gear, ventilation, masking off areas that will not be coated and preventing air borne debris from invading the area being coated and while the coating is wet. **IMPORTANT: The area being coated should be well ventilated and there should be no exposure to open flames or sparks of any kind.**

DRYING TIME: **SILCOTE-AP** has a 2 to 3 hour working time which gives the applicator more than sufficient time to coat large areas, mix additional batches and rectify coating problems and defects along the way. Full cure requires approximately 8 hours. An overnight cure is highly recommended. At this time the coating will have hardened sufficiently to permit foot traffic and will have developed liquid and stain resistant properties. The chemical integration of the resin matrix will continue over the next 48 to 72 hours at which time **SILCOTE-AP** will achieve its optimal abrasion, chemical and weather resistant properties.

CLEANUP: Tools, equipment and containers used for the **SILCOTE-AP** application can be thoroughly wiped clean with a basic alcohol based solvent such as isopropyl alcohol (IPA commonly known as 'rubbing alcohol'). Tools and other equipment can and then be washed with soap and water if necessary. Liquiguard's **EcoKleanz** provides an excellent choice for an effective bio-based cleaning solvent if there is a need to remove and reapply worn or damaged **SILCOTE-AP**. Overruns and spills can also be remedied with **EcoKleanz**. **SILCOTE-AP** cleanup residue should be disposed off in a manner similar to disposing normal oil based paint residue and trash.