



### **0870/0871 Series CLEAR High Performance Caulk:**

- **What is the base chemistry for this product?** A proprietary blend of Shell Kraton thermoplastic rubbers, various solvents, modifier resins & specialty additives.
- **Will 0870 Series Solvent Clear Sealant retain clarity with aging?** Yes! The formulas contain an optimum blend of thermoplastic rubber base polymers, mid block & end block modifier resins, UV inhibitors, antioxidants & a proprietary solvent blend, that result in a premium performance product that will exhibit excellent clarity for many years.
- **Can 0870 Series be used outdoors as well as indoors as an energy saver?** Yes! 0870 provides energy savings by helping to keep the cold out in winter & the heat out in summer. It is a multi-purpose sealant for use around windows & doors, vents, pipes, air conditioners & ductwork to provide a permanent seal to most clean surfaces.
- **Does 0870 enjoy FDA/USDA approval?** No. For most applications an FDA/USDA Silicone Sealant is recommended.
- **Should 0870 be used to attach a mirror to a wall?** No. Mirror backing material will often fail. Mirror mastic, specifically designed for this application is a better choice.
- **Is 0870 a good choice for camper/RV applications?** Yes! 0870 is an excellent choice for most Camper & RV substrates, however 0870 is not recommended on polyethylenes & polypropylenes, sometimes found in Camper & RV construction.
- **Is 0870 Clear considered toxic after cure?** No. (Do not take internally.)
- **Is 0870 paintable?** Yes! Wait a minimum of 24 hours with latex paints & a minimum of 72 hours with oil-based paints. (For very best results & to compensate for weather fluctuations, 7 days curing for latex paints & 30 days curing for oil-based paints is considered optimum.)
- **Is 0870 Clear appropriate for stained/varnished wood trim?** Yes! 0870 will allow the woods natural beauty to show through the sealant.
- **Will 0870 Clear damage wallpaper?** Usually not. Wallpaper should be sound & otherwise in good condition @ application. 0870 works well on wallpaper edges to re-stick & prevent curling.
- **Can 0870 be used in non-fish aquarium applications (snakes, lizards, mice, etc)?** No. 0870 does not enjoy FDA/USDA status, could be eaten by the aquariums inhabitants, & is therefore not recommended.
- **Following complete cure, is 0870 Clear appropriate for water-filled aquariums?** Not recommended. A fully cured FDA/USDA Silicone Sealant is a better choice.
- **Does 0870 Clear enjoy a fire-proof rating?** No. 0870 will burn, whether cured or uncured.
- **Is 0870 Clear appropriate for marine applications?** Yes! Above water line only.

- **Is 0870 Clear appropriate for use in a pool or hot tub?** Not recommended.
- **Can cured 0870 be easily removed?** No. Cured 0870 is best removed by carefully cutting/scraping the bead until removed. Any remaining residue can then be soaked in orange cleaner for a few minutes prior to final removal. Be certain that the stripper/cleaner is safe for the surface from which the sealant is being removed.
- **What is the application range of 0870 Clear?** 0870 Clear may be applied in a well-ventilated area, between +10F & +100F to clean, frost free surfaces. For best gunning, cartridge should be stored @ room temperature (65F to 75F) prior to use. NOTE: Bubbling can occur in beads applied to hot surfaces. For best results beads should be applied to substrates between 40F & 90F, using sealant stored @ room temperature prior to use.
- **What is the service temperature range of 0870 Clear?** -25F to 175F. Intermittent exposures to 200F can be tolerated, although repeated exposures can result in reduced life expectancy.
- **Is 0870 Clear considered mildew-resistant?** Yes! Good housekeeping practices will enhance mildew-resistance.
- **Does 0870 contain any Prop 65 Ingredients?** Yes. The 0870 Series formulation contains Toluene.
- **What is the VOC of 0870?** The calculated VOC is 378.4 grams/liter.
- **How much shrinkage should be expected with 0870 Clear?** Shrinkage typically ranges from 25% to 45%, largely dependent upon substrate porosity. (Application to unprimed wood will exhibit greater shrinkage than application to glass or aluminum.)
- **Can 0870 be applied to damp surfaces?** Yes! 0870 can be applied to very damp surfaces, provided they are otherwise clean & sound. However, for optimum performance, application should be made to a clean, dry surface.
- **Is 0870 appropriate for underwater applications?** No.
- **How does the clarity of 0870 Clear compare to typical Acetoxy cure silicone?** Although there are expensive specialty silicones that exhibit optical clarity, the majority of silicones purchased today, exhibit much less clarity, as compared to 0870 Clear.
- **What is the 0870 Formulation based upon?** 0870 is formulated using a proprietary blend of Kraton Rubbers, various modifier resins, UV inhibitors, antioxidants & an optimum solvent blend.
- **Will 0870 adhere to itself?** Yes!
- **What are some of the typical substrates to which 0870 will provide excellent adhesion?** Brick, Ceramic tile (glazed), Concrete, Formica, Glass, Corian, Acrylic sheet, ABS, Fiberglass (textured), Fiberglass (smooth), Nylon, Polycarbonate, Vinyl (rigid & flexible), Stainless Steel, Galvanized Steel, Cold Rolled Steel, Aluminum, Copper, Brass, Oak, Pine, Redwood, Cedar, Birch, Teak, Polystyrene (except Foam), Chrome, Plexiglas, Canvas, Porcelain, Roof Tiles, Asphalt Shingles
- **Is 0870 Flammable?** Yes. 0870 contains Toluene & other Petroleum Distillates & should be kept away from heat & open flame. 0870 should be considered HIGHLY FLAMMABLE.

- **Where can I find additional information concerning this product?** See MSDS & TDS on this website ([www.reddevil.com](http://www.reddevil.com)).