SUPER SEAL
FREQUENTLY ASKED QUESTIONS

1. **Can Super Seal ACR™, Super Seal HVACR™, and Super Seal 3 PHASE™ be used interchangeably?**
   No, sealants must be used as follows:

   SUPER SEAL ACR™ - Part Number: 947KIT
   For smaller systems, 230 btuh up to 18000 btuh (1½ ton), minimum 10 ounces oil required.

   SUPER SEAL HVACR™ - Part Number: 944KIT
   For most residential systems, 1½ ton up to 5 ton, minimum 30 ounces of oil required.

   SUPER SEAL 3 PHASE™ - Part Number: 948KIT
   Commercial and industrial strength formula for 5 ton systems and larger.

2. **When should Super Seal be used?**
   It should be used when conventional leak detection methods are unsuccessful and all attempts to find and fix a leak have been exhausted. Use in compliance with the Montreal Protocol & regional or federal laws for handling of refrigerant.

3. **How does Super Seal work?**
   Super Seal is not a gunk or goo, it is a liquid, which travels with the oil and refrigerant throughout the system. When a leak is detected, Super Seal forms a crystalline structure at point of leakage, when activated by moisture from the surrounding air.

4. **What if there is moisture in the system?**
   Where there is the possibility of refrigerant contamination an acid moisture test should be performed and followed up with recommended clean up procedure before injecting Super Seal into system.

5. **Will Super Seal clog the valve core as I inject the product into the system?**
   No, when the sealant is injected into the system, it has already been combined with the refrigerant charge and the refrigerant acts as a solvent cleaning the valve core as it passes through.

6. **Will Super Seal harm the compressor or any other components in the system?**
   No, the sealant is completely compatible with the electrical windings of the compressor motor. It will not interfere with compressor valves or form wax in cap tubes, orifices, or thermostatic expansion valves, and does not impede the lubrication ability of the system oil in any way.

7. **What happens to Super Seal while it is in the system?**
   The chemical formulation remains in a stable state while it travels within the refrigerant gas stream. Only when it exits at a leak point and makes contact with moisture in the air does it begin to form a seal.

8. **What size hole will Super Seal repair?**
   This product has been specifically designed to seal micro pores (approx. the diameter of a human hair) such as seasonal leaks that cannot be detected by conventional leak detection methods. There is enough Super Seal in a single application to seal multiple leaks in an A/C or refrigerant system.

9. **How much product should I install into my system?**
   Regardless of the size of the unit only one can should initially be installed. On larger commercial and industrial systems the unit should be monitored over a 10-14 day period to determine if the leak has been repaired or reduced before a second can is added.

10. **How long will Super Seal remain in the system?**
    It will remain in a stable form for several years protecting the system against micro leaks. As with any chemical mixture it will eventually break down, but the products will be non-aggressive components and not decrease or affect the system's performance in any way.

11. **What happens if a line bursts on a system containing Super Seal?**
    Along with refrigerant and compressor oil, the sealant is carried out of the system. A trace amount of sealant will remain in the oil sump in a stable state and will not have any adverse affects on components.

12. **What happens to Super Seal if I need to reclaim the refrigerant?**
    It is removed from the a/c or refrigerant system with the refrigerant and carried through the recovery machine to the recovery tank. The refrigerant must be reclaimed as contaminated refrigerant. A trace amount of sealant will remain in the oil sump in a stable state and will not have any adverse affects on components.

13. **Has the chemical technology in Super Seal ever been used before?**
    Yes, the sealant technology in Super Seal has been used for decades to seal leaks in underground gas transmission lines, as well as in pipes, tanks, compressors and gas pressurized vessels.
