



ENVIRO-COAT RUST RESISTER

Frequently Asked Questions

Q1 Why don't mild steel tanks last as long as they did in the past?

A1 Fertilizer products and steel have changed! Products like 28% UAN do not always have the corrosion inhibitors like they did in the past. Mild steel storage tanks should be manufactured from "A36 low carbon" steel to have additional resistance to various products being stored. With the state of the steel industry and cheaper steel in the market, manufacturers and suppliers do not always furnish the proper steel carbon content.

Q2 How long will it extend the life of a mild steel storage tank?

A2 There are different conditions that will effect the overall life of a storage tank. These include the product being stored, the condition of the tank when **Enviro-Coat** was put in the tank and the quality of the original steel. In accelerated corrosion test, steel treated with **Enviro-Coat**, lasted over 10 times longer before the first stages of rust began, compared to untreated mild steel.

Q3 Will *Enviro-Coat* work with all liquid fertilizer products?

A3 "Fertilizer" is a general term and does not refer to a specific product. **Enviro-Coat** can be used with many neutral fertilizer and salt solutions such as: 28% & 32%, 10-34-0, 7-21-7, etc. Highly corrosive or acid fertilizer or Aqua Ammonia should not be used with the product. Questionable products should be tested for compatibility. Free samples for testing will be provided.

Q4 What keeps *Enviro-Coat* from mixing with the fertilizer?

A4 The weight of **Enviro-Coat** is less than water and all fertilizer products (except Aqua Ammonia). In addition, it is not water-soluble. This causes **Enviro-Coat** to float on the fertilizer and not mix with it. When pumped into a tank, it will rapidly float to the top. In fact, it works well in water tanks to minimize rust.

Q5 What is the usage rate of *Enviro-Coat*?

A5 **Enviro-Coat** should have a 1/8" layer floating on top of the fertilizer product. This is an initial rate of 9 gallons for a 12' Dia. tank. A rate of ¼ the initial amount is recommended on an annual basis.

Q6 How do I use *Enviro-Coat*?

A6 Just pump or pour **Enviro-Coat** into the tank. The nature of the product provides several easy and convenient ways for application. In new, empty tanks, it can be applied undiluted to exposed metal surfaces or poured over the floor of the tank. Protection begins from the bottom up. In used tanks, it can be poured or pumped into the tank while the product is at any elevation. It begins coating and providing protection as the product raises and lowers. Some customers with used tanks will empty the tank, power wash the interior and then apply **Enviro-Coat**.

Whatever method chosen, the sooner the better for best protection!

(SEE REVERSE SIDE)



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Q7 Does it work in older tanks?

A7 *Enviro-Coat* does a good job in older tanks. It cannot reverse the corrosion that has already occurred, however it will prolong the life of the tank. *Enviro-Coat* attaches itself to the steel, displacing air and moisture that causes rusting.

Q8 What if the tank is already showing minor seepage?

A8 *Enviro-Coat* cannot repair leaks! The tank is failing and should be taken out of service immediately.

Q9 How does it differ from putting used motor oil in the tank?

A9 Used motor oil is *used* motor oil! While oil contains a minor amount of rust inhibitor, this is often dissipated during the high temperature of the original useful life of the oil. Higher temperatures can actually cause the formation of corrosive acids in the used oil.

Enviro-Coat contains a special anti-rust inhibitor that clings to the tank walls forming a protective coating. This coating attaches itself to the steel creating a barrier from air and moisture penetration. Also, the viscosity of *Enviro-Coat* is much higher than that of motor oil, giving it the "clinging" and self-healing ability required.

Q10 What if I want to empty my tank to change products, cleaning, inspection, etc.?

A10 Since *Enviro-Coat* floats on top of the fertilizer, when the tank is nearly empty, simply pump the last 800-1000 Gal (appx. 1' in a 12' Dia. tank) into a nurse tank. When the tank work is completed, pump the fertilizer and *Enviro-Coat* back into the tank.

Q11 Is it harmful to the environment?

A11 No, in fact, the same base products used in many surfactants are used in *Enviro-Coat*. However, *Enviro-Coat* does not mix with fertilizer and is not water-soluble.