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Disposal Update

A number of studies of the proprietary compound that is the active ingredient in **HoldTight®102 salt remover / flash rust inhibitor** have concluded that the material **may be safely disposed of in sanitary sewers, rivers, lakes, and other bodies of water without endangering aquatic life** or otherwise compromising the environment. This was true even when that compound was tested at a much higher level of concentration than in **HoldTight®102** off-the-shelf and dramatically higher concentrations than in the product as applied. The concentration of the compound in these studies was greater by a factor of 3 or 4 than its concentration in **undiluted ("off-the-shelf") HoldTight®102** and 150 to almost 1,000 times greater than in **HoldTight®102** when it is used in ANY application. Even in these substantially higher concentrations, there were no measurable adverse effects.

NOTE:

When contamination levels are low (i.e., when the surface is relatively clean) after wet/vapor abrasive blasting and/or ambient humidity is relatively low, 1500 psi + pressure washing, though preferable, may not be necessary. This is true **ONLY** if the surface is thoroughly rinsed at lower pressures with 102-treated water immediately after the wet/vapor abrasive blast cycle - preferably before the surface dries.

BACKGROUND:

HoldTight®102 prevents flash rust by cleaning - by removing the remains of the blast (shattered abrasive and/or paint and/or rust) and virtually all ionic contaminants (salts, such as chlorides, sulfates, nitrates, phosphates AND acids). These contaminants, whether visible or invisible, tend to draw moisture to the surface causing rust. A near-perfectly clean surface of the sort achieved by using 102 simply will not rust as fast as a surface not so cleaned.

HOW LONG WILL THE SURFACE REMAIN RUST-FREE AFTER CLEANING WITH 102?

Until wetted with water, most typically by rain, OR until re-contaminated by airborne particles or ionic contaminants, which will draw moisture out of the air, the surface should remain rust-free. Outdoors this means 2 to 4 days. In extremely humid environments the rust-free period will be shortened; in extremely dry environments, it will be extended. Condensation forming on the surface as a result of rapid temperature changes may cause a 102- cleaned surface to flash rust, especially if the condensation is extensive enough to "pool" on a flat surface or run down a vertical surface. If held indoors, the rust-free window for the blasted surface should be much larger - even a month or more.

WILL THE USE OF HOLDTIGHT®102 INTERFERE WITH COATING ADHESION?

When used properly, **HoldTight®102** will leave no residue that would interfere with any coating or lining. In addition many coating manufacturers have tested 102 used before applying their products. Most have approved 102 for use with all of their coatings on the basis of tests and/or field experience with 102 over many years. Much of that data is available. Request our "compatibility" chart for examples.

Also see our documents: "**HoldTight®102** is not a coating; it is NOT applied", "**HoldTight®102** is like soap -- but it is not soap", "Coverage and **HoldTight®102**" and the Product Data Sheet for **HoldTight®102**.