

ADSORPTION

Adsorption occurs in two forms: chemical and physical. The chemical form is commonly used in purifying water, when chemical forces extract impurities from it.

In the physical form that occurs with Militec-1, some of the Militec molecules become attached to metal surfaces once they have reached a certain temperature (around 66°C). The new metallic compound attaches to the host metal by filling its surface interstices (micropores), and a low-friction, hardwearing layer or film is formed within the original boundaries of the metal, without altering its physical dimensions.