ELASTOCHEM
SPECIALTY CHEMICALS INC.

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To Whom It May Concern,

In regards to the chemical known as BPA (BisPhenol-A), the Canadian Government has issued tougher guidelines for unsafe levels of BPA in plastics for drinking water components. This has been mainly directed at polycarbonate baby bottles and water bottles due to the fact that BPA can leach from the polycarbonate into the water.

BPA is a polymer building block intermediate and is used to make polycarbonate and many plastics and is also used to manufacture Epoxy resins. However, the BPA that is used to make Pipe Shield AN 500 epoxy resins are fully reacted into the polymer chain, changing the chemical make-up of the BPA. It is no longer BPA. This is proven by the chemical extraction tests that are conducted by the ANSI/NSF Standard 61 that tests for all contaminants and shows that there is no BPA detected in the Pipe Shield AN-500 coating system.

While BPA is a building block for both polycarbonate and epoxy polymers, polycarbonates can under the right conditions degrade and leach BPA, while Pipe Shield AN-500 will not degrade back to BPA.

Pipe Shield AN-500 is certified to ANSI/NSF Standard 61. This certification requires products to be free of all unsafe levels of contaminants, from metals to organics such as BPA (BisPhenol–A).

Regards,

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