

TUFFTREK 2001 Liquid Amine Antistrip

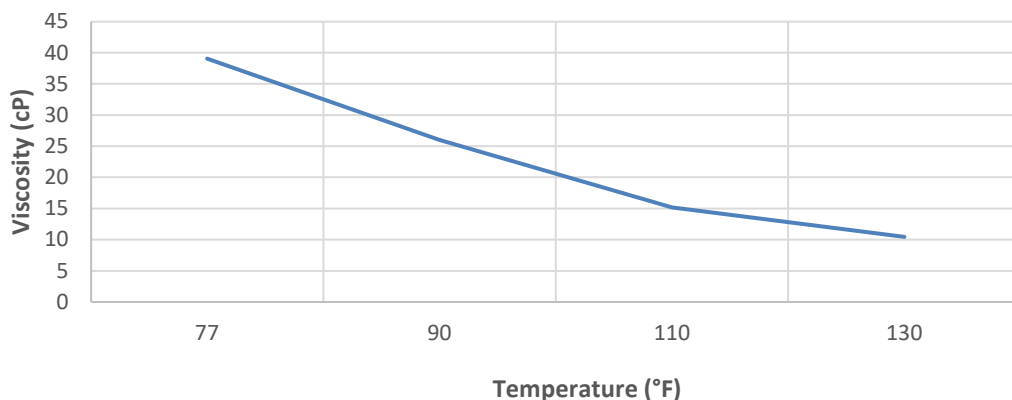
Although only recently marketed under the TUFFTREK name, TUFFTREK 2001 liquid amine antistrip has a long history of use in the asphalt industry. It has demonstrated effectiveness at low dosage (0.5%).

Koch companies are back-integrated in amine production resulting in cost-effective and reliable manufacturing capabilities and supply.

TYPICAL PROPERTIES

Flash Point, °C (°F) open cup	121 (250)
Amines	50-78%
Boiling Point, °C (°F) 100 mm Hg, with decomposition	249 (480)

TUFFTREK 2001 Viscosity over Temperature (°F)



STORAGE AND HANDLING

TUFFTREK 2001 can crystallize, forming solids, if storage temperatures are below 95°F (35°C). To dissolve crystals in samples in small containers, use a short hot water bath approximately 103-104°F (40°C). For larger samples or drums, Georgia-Pacific Chemicals recommends using an oven or hot box at 120-130°F (50-55°C) until crystals dissolve. Shake before testing.

When transporting TUFFTREK 2001 in bulk tank trucks, it is recommended the product be shipped and unloaded hot. If using a tank truck for storage, ensure the truck has heating capability. If storing in a tank truck or if the shipping distance is too far to keep warm, heat TUFFTREK 2001 via steam jacket to unload.

TUFFTREK 2001 slowly degrades at elevated temperatures, so do not heat above 130 °F or store it for longer periods than necessary. Information on the safe handling of TUFFTREK 2001 Liquid Amine Antistrip is in the Safety Data Sheet available from Georgia-Pacific Chemicals.

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