



RADCOLUBE SBR-1 TDS

700 Kingsland Drive
PO Box 1928
Batavia, IL 60510
Phone: (630) 232-7966
Fax: (630) 232-7968
www.Radcoind.com

MILITARY FLUIDS

MIL-PRF-46176B

MILITARY SYMBOL: BFS

RADCOLUBE® SBR-1

**Brake Fluid, Silicone, Automotive, All-Weather,
Operational and Preservative, Dot 5**

RADCOLUBE® SBR-1 Silicone brake fluid; is qualified to MIL-PRF-46176 and meets DOT 5 specifications. It is specialized for use for the military as it performs at a minimum ambient temperature of -55°C, where commercial products are rated at -40 °C. It is compatible with numerous brake system components such as natural rubber, Neoprene, SBR and EP. RADCOLUBE® SBR-1 demonstrates outstanding operational performance, excellent corrosion inhibitive and lubrication properties.

Qualification Number: SBF-1026

Qualification Date: 17 January 2012

NATO CODE: H-547

ISO 9001:2015 Certification Number: C2018-00035

National Stock Numbers Available From Radco

9150-01-102-9455 Gallon
9150-01-123-3152 5 Gallon Pail
9150-01-072-8379 55 Gallon Drum

CHARACTERISTICS	REQUIREMENT	TYPICAL RESULTS	TEST METHOD
Equilibrium Reflux Boiling Point, minimum	260°C	358°C	Specification Para. 4.3.3.1
Wet Boiling Point, minimum	207°C	282°C	Specification Para. 4.3.3.2



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Flash Point, minimum	204 °C	282 °C	ASTM D92
Viscosity, Low Temperature @ -55 °C, maximum	900 cSt	586 cSt	ASTM D445
Viscosity, High Temperature @ 100°C, minimum	1.3 cSt	13.5 cSt	ASTM D445

Manufacturing Location: Batavia, IL