



SAF-KOTE

DESCRIPTION

Saf-Kote is a cationic amine blend in a mineral spirit base.

PROPERTIES

Physical		Chemical	
Appearance:	Dark amber liquid	Type:	Filming amine
Specific Gravity:	0.91-0.92	Solubility:	Soluble (Oil)
Pour Point:	-29°C	pH:	Not available
Flash Point:	43°C (PMCC)	Microtox:	=50% @ (0.5 L/m ³)

APPLICATION

Saf-Kote adsorbs onto metal surfaces. It is effective in all water-based, oil based and foam drilling fluids. Saf-Kote protects the drill string, casing and rig equipment against hydrogen sulfide (H₂S), carbon dioxide or oxygen corrosion by physically adsorbing to metal surfaces.

NOTE: Due to Saf-Kote's cationic nature, it may cause flocculation in high solids/high density drilling fluids. The addition of a thinner may then be required. Saf-Kote should not be used in conjunction with Corinox.

To film the pipe Saf-Kote should be added directly to the mud system as a batch treatment. For added protection, it can also be diluted 50/50 in diesel or kerosene and sprayed on the drill pipe.

Initially, Saf-Kote should be added at 1.0 L/m³ for every 125 mg/l of H₂S present in the mud. Once the initial treatment has been made, normal daily maintenance of 5.0-20.0 liters/circulation is recommended and corrosion rates should be monitored with corrosion rings to ensure treatment rates are adequate.

MIXING AND HANDLING

Avoid inhalation of vapours. Do not get on skin, in eyes or on clothing. Keep container closed when not in use. Wear suitable protection for eyes and skin when handling. Use with adequate ventilation. Avoid contact with incompatible materials (see M.S.D.S.). Store in a cool, dry, well ventilated area.

WHMIS: Controlled (see MSDS)	TDG: Not regulated	PACKAGING: 20 liter pail
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