

Table 3.4.4 S: Assessment Summary of Alternative Heat Stabilizer Constituents for PVC Wire and Cable Coatings

Assessment Criteria		Lead (Reference)	Comparison Relative to Lead				
			Zinc stearate	Barium stearate	MgAlZn	MgAl	Titanium dioxide
Environmental Criteria	Toxic to Aquatic Species	Yes	+	+	+	+	+
Human Health Criteria	Carcinogenicity	EPA B2 IARC 2B	+	+	+	+	=
	Developmental Toxicity	Yes (Prop 65)	+	+	+	+	+
	LD 50 (oral dose rats)	> 2,000 for tribasic lead sulfate	+	+	+	=	+
	Occupational Exposure: PEL/REL (8-hour TWA)	0.050 mg/m ³ (REL)	+	+	?	+	+

COMPARISON KEY							
+	Better	=	Similar	-	Worse	?	Unknown