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Doc. No.: MSDS-026-NM
DCP No.: 1423
Effective Date: 3/11/10

Material Safety Data Sheet

(Non-Mandatory)

Identity: Lead Free Tip Tinner

SECTION I – Manufacturer’s P/N’s

1471 & 1472

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components

(Specific Chemical Identity: OSHA PEL / ACGIH TIV / Other Limits Recommended / %Optional / Common Names)

50% Tin	CAS NO 7440-31-5	2.0MG/M3	2.0MG/M3
50% Tin (SN) is in Suspension with Ammonium Phosphate CAS NO 7783-28-0 “Non-Hazardous” Ingredients			

SECTION III -Physical/Chemical Characteristics

Boiling Point: 260°C

Specific Gravity (H 2 O= 1): Solid

Vapor Pressure (mm Hg): MMHGAT 20<0.01

Melting Point: 232°C-450°F

Vapor Density (AIR =1): N/A

Evaporation Rate (Butyl Acetate = 1): N/A

Solubility in Water: Tin-Insoluble Ammonium Phosphate-Water Soluble

Appearance and Odor: Silver Paste, Low Odor when heated 450°F (150°C)

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): None **Flammable Limits:** N/A **LEL:** N/A **UEL:** N/A

Extinguishing Media: Dry Chemical or Equivalent Type Suitable for Metal Type Fires

Special Fire Fighting Procedures: If Tin is Involved in Fire, Use Full Protective Clothing and NIOSH/MSHA Approx Self-Contained Breathing Apparatus Operated in Positive Pressure Mode.

Unusual Fire and Explosion Hazards: None

