MATERIAL SAFETY DATA SHEET

VENDEE AND THIRD PERSONS ASSUME THE RISK OF INJURY DIRECTLY OR INDIRECTLY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT FOLLOWED AS PROVIDED FOR IN THE DATA SHEET, AND VENDOR SHALL NOT BE LIABLE FOR SUCH INJURY. FURTHERMORE, VENDOR SHALL NOT BE LIABLE FOR INJURY TO VENDEE OR THIRD PERSONS, DIRECTLY OR INDIRECTLY CAUSED BY ABNORMAL USE OF THE MATERIAL, EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED.

ALL PERSONS USING THIS PRODUCTS, ALL PERSONS WORKING IN AN AREA WHERE THIS PRODUCTS IS USED, AND ALL PERSONS HANDLING THIS PRODUCT SHOULD BE FAMILIAR WITH THE CONTENT OF THIS DATA SHEET. POSTING THIS DOCUMENT FOR EMPLOYEE NOTIFICATION IS RECOMMENDED BY THE VENDOR AND MAY BE REQUIRED BY LAW IN YOUR STATE.

Revision Date: 1 24, 200x

I PRODUCT IDENTIFICATION

MANUFACTURED BY		TELEPHONE NO.
NEY SMELTING & REFINING CO., INC.		718-389-4900
ADDRESS	269 FREEMAN ST. P.O. BOX 22-0377 BROOKLYN, NY 11222	
TRADE NAMES	B7	
SYNONYMS	LEAD FREE, WATER SAFE,	
INTENDED USE	Jewelry alloys, Lead free service, gravity castings (less than 0. 05% Pb)	

II HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT (CAS #)	WEIGHT %	HAZARD DATA OSHA PEL	ACGIH TLV
Tin (CAS # 7440-31-5)	89 % -- 94 %	2 mg/m3	2 mg/m3
Antimony (CAS # 7440-36-0)	1 % - 10 %	0.5 mg/m3	0.5 mg/m3
Copper (CAS # 7440-50-8)	.1 % -- 5 %	1 mg/m3 (m&D) 0.1 mg/m3 (fume)	1 mg/m3 (m&D) 0.2 mg/m3(fu)

III PHYSICAL DATA

BOILING POINT	Antimony	1380 C
SPECIFIC GRAVITY (H2 O=1)	Copper	8.89-8.94
VAPOR PRESSURE	Not Applicable	
VAPOR DENSITY (AIR = 1)	Not Applicable	

V FIRE AND EXPLOSION DATA

Flash Point (Test Method)	Not Applicable	Auto ignition Temperature	Not Applicable

Flammable Limits in Air (% by Vol.) Lower Not Applicable Upper Not Applicable

Extinguishing Media Special mixtures of dry chemical suitable for metal fume. Do not use wa or moist sand. Fire fighters should wear self-contained breathing apparatus and protective clothir

Special Fire Metal products are not a fire hazard. However, dust generated in grind operation if mixed with flammable coatings may present a fire or explosion hazard under cert conditions. At a temperature above 400 F this alloy could melt and continuous heating co produce metal vapor.

VI REACTIVITY DATA

Stability Stable

Conditions Contributing Stable at room temperature

Incompatibility

Pure Tin:- Is incompatible with chlorine and turpentine.

Pure Antimony:- Is incompatible with ammonium nitrate, halogens, BrN3, BrF3, HCLO3, CLO, CLF3, nitric acid, potassium nitrate, potassium permanganate, K2O2, sodium nitrate, oxidants, acids and halogenated acids.

Pure Copper:- Is incompatible with 1-bromo-2-propyne, fume is incompatible with acetylene gas dust and mist are incompatible with acetylene gas and magnesium metal.

Hazardous Decomposition Not Applicable

Hazardous Polymerization Does Not Occur

VII SPILLS, LEAKS, & DISPOSAL PROCEDURES

Steps To Be Taken in The Event of Spills, leaks, or Release

No special precautions are necessary for spills of bulk material. If large quantities of dust are spilled, remove by vacuuming with approved HEPA type filtration or wet sweeping to prevent heavy concentrations of airborne dust. Clean-up personnel should wear respirators and protective clothing.

Waste Disposal Methods

Scrap metal can be reclaimed for reuse. Follow Federal, State, and Local regulations regarding disposal.