

MATERIAL SAFETY DATA SHEET

IDENTITY: NICKEL SILVER KEY BLANKS

SECTION I - MANUFACTURER'S INFORMATION

Kaba Iico Corp
400 Jeffreys Road
Rocky Mount, NC 27802

Emergency Phone Number: (252) 446-3321
Phone Number for Info: (252) 446-3321 Ext. 301
Date Revised: April 27, 2001
MSDS Prepared By: John Allen

SECTION II - INGREDIENTS / IDENTITY INFORMATION

<u>ELEMENTS</u>	<u>CAS NUMBER OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% COMPOSITION BY WEIGHT</u>	
Copper	7440-50-8	1.00	1.00	63 - 67
Lead	7439-92-1	0.05	0.15	0.5 - 1.3
Iron	7439-89-6	10.0	5.00	0.35 Max.
Zinc	7440-66-6	5.00	5.00	Remainder to 100%
Nickel	7440-02-0	1.00	1.00	7.0 - 9.0
Tin	7440-31-5	2.00	2.00	Less than .1
Aluminum	7429-90-5	-	10.0	Less than .05
Silicone	7440-31-5	1.00	2.00	Less than .01
Manganese	7440-22-4	5.00	5.00	.50 Max.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A Specific Gravity (Water = 1): 7.5 - 9.0

Vapor Pressure (mm Hg): N/A Melting Point: 1650°F

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

Solubility in Water: Nil

Appearance and Odor: Silver to Gold and has no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A

Flammable Limits: N/A

LEL: N/A UEL: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures:

Avoid contact between molten metal and water

Unusual Fire and Explosion Hazards:

Material reacts with acids, bases and oxidizers

SECTION V - REACTIVITY DATA

Stability: Unstable ()
Stable (X)

Conditions to Avoid: Contact between molten metal and water

Incompatibility (Materials to Avoid):

Material reacts with acids, bases and oxidizers

Hazardous Decomposition or Byproducts:

No fumes upon contact with nitric acid

Hazardous May Occur ()

Conditions to Avoid: Contact between molten metal and water.

Polymerization: Will Not Occur (X)

SECTION VI - HEALTH HAZARD DATA
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Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Avoid dust fumes	Not likely	N/A for material as shipped

Health Hazards (Acute & Chronic): Primary Routes of Entry: Inhalation of dust or fumes. No toxic effects are expected in its solid inert form. Avoid fume dust while cutting.

Signs & Symptoms of Exposure: Eye, nose and throat irritation. A metallic taste, chills, nausea, cough and muscle aches.

Medical Conditions Generally Aggravated by Exposure: Inhalation of Cu fumes may cause irritation of eyes, nose, throat and a flu like illness called metal fume fever.

Emergency and First Aid Procedures: Eye Contact - Flush well with water. Get medical attention. Skin Contact - If irritation develops, remove contaminated clothing and wash with soap and water. Inhalation - Remove to fresh air, get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
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Steps To Be Taken In Case Material Is Released Or Spilled: No special precautions are necessary for spills in bulk material. Large quantities of dust may be removed by vacuuming or wet sweeping.

Waste Disposal Method: Waste or residue from this material must be disposed of in accordance with Federal, State and Local laws.

Precautions To Be Taken In Handling and Storing: None

SECTION VIII - CONTROL MEASURES
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Respiratory Protection (Specify Type): When cutting or biting, wear approved respirators for protection against dust.

Ventilation: Local exhaust required.

Protective Gloves: Wear appropriate protective gloves.

Eye Protection: Safety glasses, goggles, face shield

Other Protective Clothing or Equipment: No special clothing required for normal machining operations.

Work/Hygienic Practices: Utilize normal personal hygiene.

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This document has been prepared for the intent of compliance with the provisions of Subpart 2 of Part 1910 of Title 29 of the Code of Federal Regulations, paragraph 1910.1200.