

# Material Safety Data Sheet

IDENTITY (As Used on Label and List)	
<b>HTS-735 II</b>	

## Section I

Manufacturer's Name	Telephone Number for Information
<b>Mid-Am Marketing</b>	<b>913-886-2747</b>
Address (Number, Street, City, State, and ZIP Code)	Date Prepared
<b>3144 Hwy 159 Nortonville, KS 66060</b>	<b>April 3, 2000</b>

## Section II - Hazard Ingredients/Identity Information

### Chemical Composition

Product is composed of a mixture of compounds. The following information is based on these compounds separately and not the mixture as a whole.

Component	CAS#	%Composition
<b>Trade Secret Metal Alloys</b>	<b>Trade Secret</b>	<b>Trade Secret</b>

### HMIS Hazard Ratings

Health Hazard: <b>0</b>	Fire Hazard: <b>0</b>	Reactivity: <b>2</b>
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Based on the National Paint & Coatings Association HMIS rating system.

### SARA Title III Hazard Categories (See Section IX)

Immediate (Acute) Health: <b>ND</b>	Reactive Hazard: <b>ND</b>
Delayed (Chronic) Health: <b>ND</b>	Sudden Release of Pressure: <b>ND</b>
Synonyms/Common Names: <b>NA</b>	Chemical Formula: <b>Not Determine</b>

## Section III - Physical/Chemical Characteristics

Boiling Point	<b>Not Determined</b>	Specific Gravity (H <sub>2</sub> O = 1)	
Vapor Pressure (mm Hg.)	<b>Not Determined</b>	Melting Point	<b>717-735°F</b>
Vapor Density (AIR = 1)	<b>Not Determined</b>	Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water			
<b>Not determined</b>			
Appearance	Odor		
<b>Metal</b>	<b>NA</b>		

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>Not Determined</b>	Flammable Limits <b>Not Determined</b>	LEL <b>Not Determined</b>	UEL <b>Not Determined</b>
Extinguishing Media			
<p><b>Solid form of product is not combustible. Fire and explosion hazards are moderate when material is in the form of dust and exposed to heat, flames, chemical reaction, or in contact with strong oxidizers. Use special mixtures of dry chemical or sand for fire. Molten metal may react violently with water. Fire fighters should use NIOSH approved SCBA &amp; full protective equipment when fighting chemical fire.</b></p>			

#### Section V - Reactivity Data

Stability	Conditions to Avoid
<b>Stable under normal temperatures and pressures. Strong acids</b>	
Incompatibility ( <i>Materials to Avoid</i> )	NA
Hazardous Decomposition or Byproducts	
<b>Metallic dust or fumes may be produced during welding, burning, grinding and machining.</b>	
Hazardous Polymerization	<b>Seek immediate medical attention.</b>

#### Section VI - Health Hazard Data

**Under normal handling conditions the solid alloy presents no significant health hazards. Processing of the alloy by dust or fume producing operation (grinding, buffing, heating, welding, etc.) may result in the potential for exposure to airborne metal particulates or fume.**

<b>Eyes:</b>	<b>Direct eye contact may cause irritation, redness, and pain. May cause tissue damage if not removed promptly. In case of eye contact, remove contact lenses and immediately flush eyes with large amounts of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention.</b>
<b>Skin:</b>	<b>Skin exposure may cause irritation, drying, redness, and dermatitis. May be absorbed through damaged skin. In case of skin contact, thoroughly wash with running water and non-abrasive soap using cold water. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.</b>
<b>Inhalation:</b>	<b>Inhalation of fumes irritates the respiratory tract. Symptoms from overexposure can include sore, dry throat and a metallic taste followed by a cough, chest pain, and difficulty in breathing. Bronchitis, pneumonitis, and pulmonary edema have been reported as a result of fume irritation. Headaches, dizziness, loss of appetite, and weight loss have also been reported and the liver, kidneys and bone marrow may be injured by exposure above recommended guidelines. If overexposed, remove to fresh air. Get medical attention.</b>
<b>Ingestion:</b>	<b>Seek immediate medical attention.</b>

#### Section VII - Precautions for Safe Handling and Use

**Handling/Storage: Store material away from incompatible materials and keep dust from sources of ignition. Read and follow all label instructions.**

#### Section VIII - Control Measures

**Respiratory Protection (*Specify Type*)**  
**Use only with adequate ventilation under engineered air control systems designed to prevent exceeding exposure limits. If the exposure limit is exceeded, use NIOSH/MSH approved respirator for fume or dust.**

**Eye Protection**

**Required for melt, grind, cut, or weld operations. Minimum requirement of safety glasses with side shields for these operations. Melting and welding may require special eye protection including face shields and specially tinted glass. Grinding operations may also require face shields.**

Other Protective Clothing or Equipment

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

#### Section IX - Preparation Information

The information contained in this document is based on the data available to us and is believed to be accurate. Mid-Am Marketing makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.