


MSDS - 0308  
REVISION: N/C  
JULY 28, 2000

**MATERIAL SAFETY DATA SHEET  
FOR AURIX-AG**

**VIDENT**  
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Prepared by: 

**SECTION I - PRODUCT IDENTIFICATION: AURIX-AG**

**CHEMICAL NAME:**

**TRADE NAMES:**  
AURIX-AG

**MSDS - 0308 APPLIES TO THE FOLLOWING VIDENT PRODUCTS ( BY PART NUMBER )**

M60-373

INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF. IT IS THE USER'S RESPONSIBILITY TO DETERMINE FOR HIMSELF THE SUITABILITY OF ANY MATERIAL FOR A SPECIFIC PURPOSE AND TO ADOPT SUCH SAFETY PRECAUTIONS AS MAY BE NECESSARY. WE MAKE NO WARRANTY AS TO THE RESULTS TO BE OBTAINED IN USING ANY MATERIAL AND, SINCE CONDITIONS OF USE ARE NOT UNDER OUR CONTROL, WE MUST NECESSARILY DISCLAIM ALL LIABILITY WITH RESPECT TO THE USE OF ANY MATERIAL SUPPLIED BY US.

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SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

HAZARDOUS INGREDIENTS / OSHA:

INGREDIENT	CAS#	OSHA PEL TWA .mg(m.3b)	ACGIH TLV TWA .mg(m.3b)
Gold	[7440-57-5]	-	-
Iridium	n/a	n/a	n/a
Palladium	[7440-05-3]	-	-
Platinum	[7440-06-4]	-	1

INGREDIENT	CAS#	OSHA PEL TWA .mg(m.3b)	ACGIH TLV TWA .mg(m.3b)
Silver	[7440-22-4]	0.1	0.01
Tin	[7440-31-5]	2	2
Zinc	[7440-66-6]	0.1	0.1

CARCINOGENIC INGREDIENTS/OSHA : NONE

SECTION III - PHYSICAL AND CHEMICAL DATA

APPEARANCE AND ODOR: Yellow color.  
No odor.

SOLUBILITY IN WATER: Insoluble

MELTING POINT: 1795-1960 F

VAPOR PRESSURE: Not Applicable

SPECIFIC GRAVITY: 15.7 g/cm3

FLASH POINT: Non Flammable

FLAMMABLE LIMITS: N/A

LEL: Not applicable

EXTINGUISHING MEDIA: UEL: Not applicable

SPECIAL FIREFIGHTING PROCEDURES: Not applicable

UNUSUAL FIRE HAZARD: None.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

SECTION V - REACTIVITY DATA

STABILITY: Stable

MATERIAL TO AVOID: Will dissolve in some acids.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Overheating- at very high temperatures  
the alloy produces fumes, which are not flammable.

HAZARDOUS DECOMPOSITION OF BY PRODUCTS: Fumes

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: Inhalation, ingestion, Skin and Eyes

HEALTH HAZARDS: Inhalation: Irritation of respiratory tract  
Eyes: Metal particles may cause irritation  
Skin: may cause irritation or industrial dermatitis

CARCINOGENICITY: None

SIGNS AND SYMPTOMS OF EXPOSURE: Redness, rash, wheezing, blue-gray discoloration  
of skin, metallic taste in mouth

EMERGENCY FIRST AID PROCEDURES: Remove from exposure and seek medical attention.  
Inhalation & Ingestion: Flush with Water 15 minutes including under the eyelids.  
Eyes: Wash thoroughly with soap and water.  
Skin:

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

CLEAN - UP PROCEDURES: Dust should be collected by vacuuming or wet sweeping to prevent from becoming airborne.

WASTE DISPOSAL METHOD: May have reclaimable Value. Dispose of according to all Federal, State and local regulations. Silver is one of the materials subject to reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 in 40 CFR, Part 372

HANDLING AND STORAGE PRECAUTIONS: Keep in a cool dry place.

SECTION VII - CONTROL MEASURES

RESPIRATORY PROTECTION: Wear a NIOSH approved respirator for dust exceeding the TLV's

VENTILATION: Provide general ventilation and local exhaust to keep levels below the TLV stated in Section 2 during melting, grinding and soldering.

EYE PROTECTION: Wear safety goggles with side shields or face shields during grinding.

PROTECTIVE CLOTHING: Latex gloves while grinding, heat resistant gloves resistant gloves while casting and handling hot metals, or molds.

WORK/HYGENIC PRACTICE: Wear apron, lab coat or other protective clothing. Avoid inhalation of fumes while melting and dust while grinding. Wash hands thoroughly before eating or smoking to avoid ingestion