

# GAL VIZ

## MATERIAL SAFETY DATA SHEET

01/11/00

MSDS PROVIDED BY:  
STOODY INDUSTRIAL AND WELDING SUPPLY, INC.  
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MILITARY EMERGENCY RESPONSE NUMBER 1-800-851-8061

VERSION DATE 01/03/96 (REPRODUCED SIWS)

GAL VIZ

**SECTION 1****PRODUCT IDENTIFICATION**

COMPANY NAME WHO PROVIDED MSDS.....	HARRIS WELCO. DIV. OF J.W. HARRIS CO., INC.
COMPANY ADDRESS.....	1051 YORK RD KINGS MOUNTAIN, NC 28086
EMERGENCY PHONE NUMBER.....	(800)-424-9300
MSDS VERSION NUMBER.....	2
TRADE NAME.....	GAL VIZ
HAZARD RATING (HMIS).....	HEALTH - 3 FLAMMABILITY - 1 REACTIVITY - 1 OTHER - 1
HMIS DESIGNATED KEY.....	4- SEVERE HAZARD 3 - SERIOUS HAZARD 2 - MODERATE HAZARD 1 - SLIGHT HAZARD 0 - MINIMAL HAZARD

**SECTION 2****HAZARDOUS COMPONENTS**

<u>MATERIAL</u>	<u>% BY WEIGHT</u>	<u>CAS NUMBER</u>	<u>ACGIH TLV (Mg/M3)</u>	<u>SEC 313</u>
TIN	30	7440-31-5	2 MG/M3	NA
LEAD	50	7439-92-1	0.15 MG/M3	YES
PB OSHA LIMITS FOR 8 HR TWA EXPOSURE - 50ug/m3 AIR				
ZINC	20	7440-66-6	10 MG/M3 (DUST)	5 MG/M3 (FUME)
NO OTHER HAZARDOUS MATERIAL > 1% (0.1% FOR CARCINOGENS)				

**SECTION 3****PHYSICAL PROPERTIES**

BOILING POINT.....	2200F
MELTING POINT.....	RANGE = 177 - 288C / 350 - 550F
VAPOR PRESSURE.....	NA
VAPOR DENSITY (AIR=1).....	NA
SOLUBILITY IN WATER.....	INSOLUBLE
SPECIFIC GRAVITY.....	CON.33 lb./cu
EVAPORATION RATE.....	NA
APPEARANCE AND ODOR.....	SILVER, ODORLESS.

**SECTION 4****FIRE AND EXPLOSION DATA**

FLASH POINT.....	NA
EXTINGUISHING MEDIA.....	CO2 OR DRY CHEMICAL EXTINGUISHER.
SPECIAL PROCEDURES.....	USE NIOSH/MSHA APPROVED, SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN FIRE.
UNUSUAL HAZARDS.....	FIRE & EXPLOSION HAZARDS MODERATE IN CERTAIN CONCENTRATIONS OF DUST. WHEN OVER-HEATED, LEAD AND ZINC OXIDE FUMES ARE TOXIC.

**SECTION 5****REACTIVITY DATA**

STABILITY.....	STABLE
CONDITIONS TO AVOID.....	NA
HAZARDOUS POLYMERIZATION.....	WILL NOT OCCUR.
INCOMPATIBILITY.....	STRONG ACIDS, ALKALIS
HAZARDOUS DECOMPOSITION PRODUCTS.....	NA

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**SECTION 6**

**HEALTH HAZARD DATA**

ROUTES OF ENTRY .....	INHALATION, INGESTION AND SKIN.
HEALTH HAZARDS .....	CHRONIC OVEREXPOSURE TO HIGH LEVELS OF AIRBORNE OR INGESTED LEAD MAY RESULT IN ANEMIA, CONSTIPATION, NAUSEA, OR ABDOMINAL PAIN. IT IS UNLIKELY THAT NORMAL EXPOSURE TO THIS MATERIAL WOULD RESULT IN ACUTE ILLNESS.
CARCINOGENICITY .....	THE STATE OF CALIFORNIA REQUIRES THE FOLLOWING INFORMATION WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, OR BIRTH DEFECTS OR REPRODUCTIVE HARM.
SIGNS & SYMPTOMS OF EXPOSURE .....	Pb – SEE HEALTH HAZARDS ABOVE. EXCESSIVE INHALATION OF ZINC OXIDE FUMES MAY CAUSE ZINC SHAKE – ACUTE, SELF LIMITING CONDITION WITHOUT RECOGNIZABLE COMPLICATIONS. SYMPTOMS USUALLY DISAPPEAR IN 24 HOURS.
MEDICAL CONDITIONS FROM EXPOSURE .....	KIDNEY AND BLOOD DISEASE.
EMERGENCY & FIRST AID .....	REMOVE FROM EXPOSURE. SEEK MEDICAL ATTENTION.
ADDITIONAL INFORMATION .....	NA

**SECTION 7**

**PRECAUTIONS FOR SAFE HANDLING AND USE**

SPILL AND LEAK PROCEDURES .....	RECYCLABLE/SOLID. VACUUMING RECOMMENDED FOR ACCUMULATED DUST. CONFORM WITH FEDERAL, STATE, LOCAL & OSHA REGULATORY STATUTES.
WASTE AND DISPOSAL METHOD .....	WASTE SHOULD BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
HANDLING AND STORING PRECAUTIONS .....	DRY STORAGE – AMBIENT TEMPERATURES.
OTHER PRECAUTIONS .....	KEEP DUST TO A MINIMUM.

**SECTION 8**

**CONTROL MEASURES**

RESPIRATORY MEASURES .....	USE NIOSH/MSHA APPROVED RESPIRATOR.
VENTILATION .....	LOCAL EXHAUST – EXHAUST FUMES AWAY FROM WORK AREA. CONFORM WITH APPLICABLE REGULATIONS. MECHANICAL – ADEQUATE VENTILATION SHOULD BE USED WHEN MATERIAL IS IN MOLTEN OR DUSTY STATE.
PROTECTIVE GLOVES .....	RECOMMENDED FOR HIGH TEMPERATURES.
EYE PROTECTION .....	RECOMMENDED STANDARD PROTECTIVE EQUIPMENT USED IN SOLDERING (/APPLICABLE) OPERATIONS.
OTHER PROTECTIVE EQUIPMENT .....	CONFORM WITH APPLICABLE FEDERAL, STATE, LOCAL, & OSHA REGULATORY STATUTES.
WORK/HYGIENIC PRACTICES .....	FOR MAXIMUM SAFETY: BE CERTIFIED FOR , AND WEAR A RESPIRATOR AT ALL TIMES WHEN WELDING OR BRAZING.

**SECTION 9**

**DISCLAIMER**

**THIS DATA IS BELIEVED TO BE ACCURATE. HARRIS WELCO MAKES NO WARRANTY TO AND DISCLAIMS ALL LIABILITY FROM RELIANCE ON THIS DATA.**

**SECTION 10**

**ADDITIONAL INFORMATION**

NA = NOT APPLICABLE.  
CARCINOGENICITY INFORMATION: LEAD AND LEAD COMPOUNDS ARE REQUIRED BY OSHA TO BE CONSIDERED CARCINOGENIC.