

MATERIAL SAFETY DATA SHEET

GAL VIZ

VERSION DATE 1/5/98

PRINT DATE 1/5/98

SECTION 1 PRODUCT IDENTIFICATION
COMPANY NAME WHO SENT 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				
MATERIAL	% BY WEIGHT	CAS NUMBER	ACGIH TLV (MG/M3)	SEC 313
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/m3AIR)				
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 2200 F.
MELTING POINT RANGE = 177-288 C / 350-550 F
VAPOR PRESSURE NA
VAPOR DENSITY (AIR=1) NA
SOLUBILITY IN WATER INSOLUBLE
SPECIFIC GRAVITY 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

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 PROCEDURESRECYCLABLE/SOLID. VACUUMING RECOMMENDED FOR ACCUMULATED DUST. CONFORM WITH FEDERAL, STATE, LOCAL & OSHA REGULATORY STATUTES.
WASTE AND DISPOSAL METHODWASTE SHOULD BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
HANDLING AND STORING PRECAUTIONS DRY STORAGE - AMBIENT TEMPERATURES
OTHER PRECAUTIONSKEEP DUST TO A MINIMUM.

SECTION 8 **CONTROL MEASURES**

RESPIRATORY MEASURESUSE NIOSH/MSHA APPROVED RESPIRATOR.
VENTILATIONLOCAL 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 GLOVESRECOMMENDED FOR HIGH TEMPERATURES.
EYE PROTECTIONRECOMMENDED STANDARD PROTECTIVE EQUIPMENT USED IN SOLDERING (/APPLICABLE) OPERATIONS.
OTHER PROTECTIVE EQUIPMENTCONFORM WITH APPLICABLE FEDERAL, STATE LOCAL, & OSHA REGULATORY STATUTES.
WORK/HYGIENIC PRACTICESFOR 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.

SECTION 10 **ADDITIONAL INFORMATION**

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