

MATERIAL SAFETY DATA SHEET

23 PHOSPHOR BRONZE-C

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 23 PHOSPHOR BRONZE-C

HAZARD RATING (HMIS) HEALTH-3
FLAMMABILITY
0 REACTIVITY-
0 OTHER-0
HMIS DESIGNATED KEY 4-SEVERE HAZARD
3-SERIOUS HAZARD
2-MODERATE HAZARD
1-SLIGHT HAZARD
0-MINIMAL HAZARD

SECTION 2

HAZARDOUS COMPONENTS

Table with 5 columns: MATERIAL, % BY WEIGHT, CAS NUMBER, ACGIH TLV (Mg/M3), SEC 313. Rows include IRON, MAGNESIUM, NICKEL, CHROMIUM, COPPER, LEAD, FLUORINE.

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT NA
MELTING POINT NA
VAPOR PRESSURE NA
VAPOR DENSITY (AIR=1) NA
SOLUBILITY IN WATER NA
SPECIFIC GRAVITY NA
EVAPORATION RATE NA
APPEARANCE AND ODOR COATED METAL ROD. NO ODOR.

SECTION 4

FIRE AND EXPLOSION DATA

FLASH POINT NA
EXTINGUISHING MEDIA CO2 OR DRY CHEMICAL EXTINGUISHER
SPECIAL PROCEDURES FULL PROTECTIVE CLOTHING
UNUSUAL HAZARDS NA

SECTION 5

REACTIVITY DATA

STABILITY STABLE
CONDITIONS TO AVOID NONE
HAZARDOUS POLYMERIZATION NONE
INCOMPATIBILITY NONE
HAZARDOUS DECOMPOSITION PRODUCTS NONE

SECTION 6

HEALTH HAZARD DATA

ROUTES OF ENTRY INHALATION
HEALTH HAZARDS FUME EMISSION ONLY DURING ARC WELDING (ACGIH TLV = 5 MG/M3)
PRESENCE OF IRON, MANGANESE OXIDES, AND SMALL AMOUNTS OF FLUORIDE.
CARCINOGENICITY THE STATE OF CALIFORNIA REQUIRES THE FOLLOWING INFORMATION:
WARNING: THIS PRODUCTS CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR REPRODUCTIVE HARM
SIGNS & SYMPTOMS OF EXPOSURE NO ACUTE OR CHRONIC EFFECT REPORTED
MEDICAL CONDITIONS FROM EXPOSURE NA
EMERGENCY & FIRST AID NA
ADDITIONAL INFORMATION NA

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL AND LEAK PROCEDURES NONE
WASTE AND DISPOSAL METHOD NO SPECIAL METHOD REQUIRED
HANDLING AND STORING PRECAUTIONS HANDLING ONLY DURING WELDING. SEE SECTION VIII.
OTHER PRECAUTIONS NA

SECTION 8

CONTROL MEASURES

RESPIRATORY MEASURES NONE

VENTILATIONRECOMMENDED - LOCAL AND MECHANICAL.
PROTECTIVE GLOVESYES
EYE PROTECTIONYES
OTHER PROTECTIVE EQUIPMENTSTANDARD SAFETY EQUIPMENT FOR WELDER
WORK/HYGIENIC PRACTICESFOR MAXIMUM SAFETY: BE CERTIFIED FOR, AND WEAR A RESPIRATOR
AT ALL TIMES WHEN WELDING OR BRAZING.

SECTION 9DISCLAIMER
THIS DATA IS BELIEVED TO BE ACCURATE. HARRIS WELCO MAKES NO WARRANTY TO AND DISCLAIMS ALL LIABILITY FROM RELIANCE.

SECTION 10ADDITIONAL INFORMATION

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