

WELCO 52

MATERIAL SAFETY DATA SHEET

01/11/00

MSDS PROVIDED BY:

STOODY INDUSTRIAL AND WELDING SUPPLY, INC.

3316 National Ave., San Diego, Ca. 92113

Phone: (619) 234-6750

MILITARY EMERGENCY RESPONSE NUMBER 1-800-851-8061

VERSION DATE 03/01/94 (REPRODUCED SIWS)

WELCO 52

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..... 1
TRADE NAME..... WELCO 52
HAZARD RATING (HMIS)..... NA
HMIS DESIGNATED KEY..... NA

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>
ALUMINUM	NA	7429-90-5	NA	NA
COPPER	NA	7440-50-8	NA	NA
MAGNESIUM	NA	1309-48-4	NA	NA
ZINC	NA	7440-66-6	NA	NA
ZINC OXIDE FUME IS 8 HR. TWA OF 5.0 MG/M3. STEL OF				

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT..... NA
MELTING POINT..... 728 F
VAPOR PRESSURE..... NA
VAPOR DENSITY (AIR=1)..... NA
SOLUBILITY IN WATER..... NA
SPECIFIC GRAVITY..... 6.68
EVAPORATION RATE..... NA
APPEARANCE AND ODOR..... SILVER, BLuish-WHITE METAL

SECTION 4

FIRE AND PXPLOSION DATA

FLASH POINT..... NA
EXRINGUISHING MEDIA..... CO2 OR DRY CHEMICAL EXTINGUISHER. DO NOT USE WATER.
SPECIAL PROCEDURES..... USE NIOSH/MSHA SELF CONTAINED BREATHING APPARATUS.
UNUSUAL HAZARDS..... HEATING METAL BEYOND BOILING POINT RESULTS IN EVOLUTION OF ZINC VAPOR WHICH IMMEDIATELY REACTS WITH AIR TO FORM ZINC OXIDE FUME.

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.
HEALTH HAZARDS..... IT IS UNLIKELY THAT NORMAL EXPOSURE TO THIS MATERIAL WOULD RESULT IN ACUTE ILLNESS.
CARCINOGENICITY..... NA
SIGNS & SYMPTOMS OF EXPOSURE..... EXCESSIVE INHALATION OF ZINC OXIDE FUME (SECTION IV) MAY PRODUCE SYMPTOMS KNOWN AS ZINC SHAKES – AN ACUTE SELF LIMITING CONDITION WITHOUT RECOGNIZED COMPLICATIONS. SYMPTOMS USUALLY DISAPPEAR WITHIN 24 HRS.

WELCO 52

MATERIAL SAFETY DATA SHEET

MEDICAL CONDITIONS FROM EXPOSURE NA.
EMERGENCY & FIRST AID..... REMOVE FRESH AIR. TREATMENT SUCH AS BED REST. AND POSSIBLE ASPIRIN TO RELIEVE FEVER AND CHILLS. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.
ADDITIONAL INFORMATION NONE

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..... CONFORM WITH APPLICABLE REGULATORY STATUTES.
HANDLING AND STORING PRECAUTIONS DRY STORAGE – AMBIENT TEMPERATURES.
OTHER PRECAUTIONS USE APPROVED RESPIRATORY PROTECTION IF CHRONIC DUST/FUME EXPOSURE EXISTS.

SECTION 8 CONTROL MEASURES

RESPIRATORY MEASURES APPROVED RESPIRATOR WHERE DUST OR FUMES ARE PRESENT.
VENTILATION EXHAUST FUMES AWAY FROM SOLDERING AREA. CONFORM WITH APPLICABLE REGULATIONS.
PROTECTIVE GLOVES..... RECOMMENDED FOR HIGH TEMPERATURES.
EYE PROTECTION RECOMMENDED
OTHER PROTECTIVE EQUIPMENT STANDARD PROTECTIVE EQUIPMENT USED IN SOLDERING (/APPLICABLE) OPERATIONS.
WORK/HYGIENIC PRACTICES CONFORM WITH FEDERAL, STATE, LOCAL, & OSHA REGULATORY STATUTES.

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.