

17 17FC BRAZING ROD

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 01/03/96 (REPRODUCED SIWS)

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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..... 17 17FC BRAZING ROD
HAZARD RATING (HMIS)..... HEALTH - 3
REACTIVITY - 2
FLAMMABILITY - 2
SPECIAL - 0
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>
COPPER	44 - 50	7440-50-8	1 MG/M3 DUST	YES
ZINC	0 - 45	7440-66-6	5 MG/M3 OXIDE	YES
IRON	0 - 1.5	7439-89-6	10 MG/M3	NA
MANGANESE	0 - 1.5	7439-96-6	1 MG/M3	YES
NICKEL	0 - 13	7440-02-0	1 MG/M3	YES
SILICON	0 - 3.5	7440-21-3	10 MG/M3	NA
TIN	0 - 3	7440-31-5	2 MG/M3	NA
SILVER	0 - 0.7	7440-22-4	0.01 MG/M3	YES
FOR 17FC ONLY: BORIC ACID	5.0	10043-35-3	5 MG/M3 (NOC)	NA

SECTION 3

PHYSICAL PROPERTIES

BOILING POINT..... NA
MELTING POINT..... 1600 - 1900
VAPOR PRESSURE..... NA
VAPOR DENSITY (AIR=1)..... NA
SOLUBILITY IN WATER..... NA
SPECIFIC GRAVITY..... 8.3 -8.5 G/CC
EVAPORATION RATE..... NA
APPEARANCE AND ODOR..... SILVER OR YELLOW TO RED SOLID AT ROOM TEMP AND EXHIBITS NO ODOR. METALLIC ROD INSOLUBLE IN WATER.

SECTION 4

FIRE AND PXPLOSION DATA

FLASH POINT..... NA
EXRINGUISHING MEDIA..... NA
SPECIAL PROCEDURES..... NO FIRE OR EXPLOSION HAZARDS. NEVER USE WATER AS EXTINGUISHING AGENT AROUND MOLTEN METAL. WATER WILL REACT VIOLENTLY WITH ANY MOLTEN METAL.
UNUSUAL HAZARDS..... MAY REACT WITH ACIDS, BASES OR OXIDIZERS. DOES NOT PRESENT A SIGNIFICANT HEALTH HAZARD UNDER NORMAL HANDLING & STORAGE CONDITIONS.

SECTION 5

REACTIVITY DATA

STABILITY..... NA
CONDITIONS TO AVOID..... NA
HAZARDOUS POLYMERIZATION..... NA
INCOMPATIBILITY..... NA
HAZARDOUS DECOMPOSITION PRODUCTS..... NA

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SECTION 6

HEALTH HAZARD DATA

Table with 2 columns: Hazard Category and Description. Rows include ROUTES OF ENTRY, HEALTH HAZARDS, CARCINOGENICITY, SIGNS & SYMPTOMS OF EXPOSURE, MEDICAL CONDITIONS FROM EXPOSURE, EMERGENCY & FIRST AID, and ADDITIONAL INFORMATION.

SECTION 7

PRECAUTIONS FOR SAFE HANDLING AND USE

Table with 2 columns: Hazard Category and Description. Rows include SPILL AND LEAK PROCEDURES, WASTE AND DISPOSAL METHOD, HANDLING AND STORING PRECAUTIONS, and OTHER PRECAUTIONS.

SECTION 8

CONTROL MEASURES

Table with 2 columns: Hazard Category and Description. Rows include RESPIRATORY MEASURES, VENTILATION, PROTECTIVE GLOVES, EYE PROTECTION, OTHER PROTECTIVE EQUIPMENT, and WORK/HYGIENIC PRACTICES.

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. CARCINOGENIC INFORMATION: NICKEL COMPOUNDS ARE REQUIRED BY OSHA TO BE CONSIDERED CARCINOGENIC. FOR MAXIMUM SAFETY: BE CERTIFIED FOR , AND WEAR A RESPIRATOR AT ALL TIMES WHEN WELDING OR BRAZING.